Coding

<u>JavaScript</u>

Event Listeners Variables Functions

Event Listeners

A way to respond to 'events' like a click, scroll, mousemove or window resize

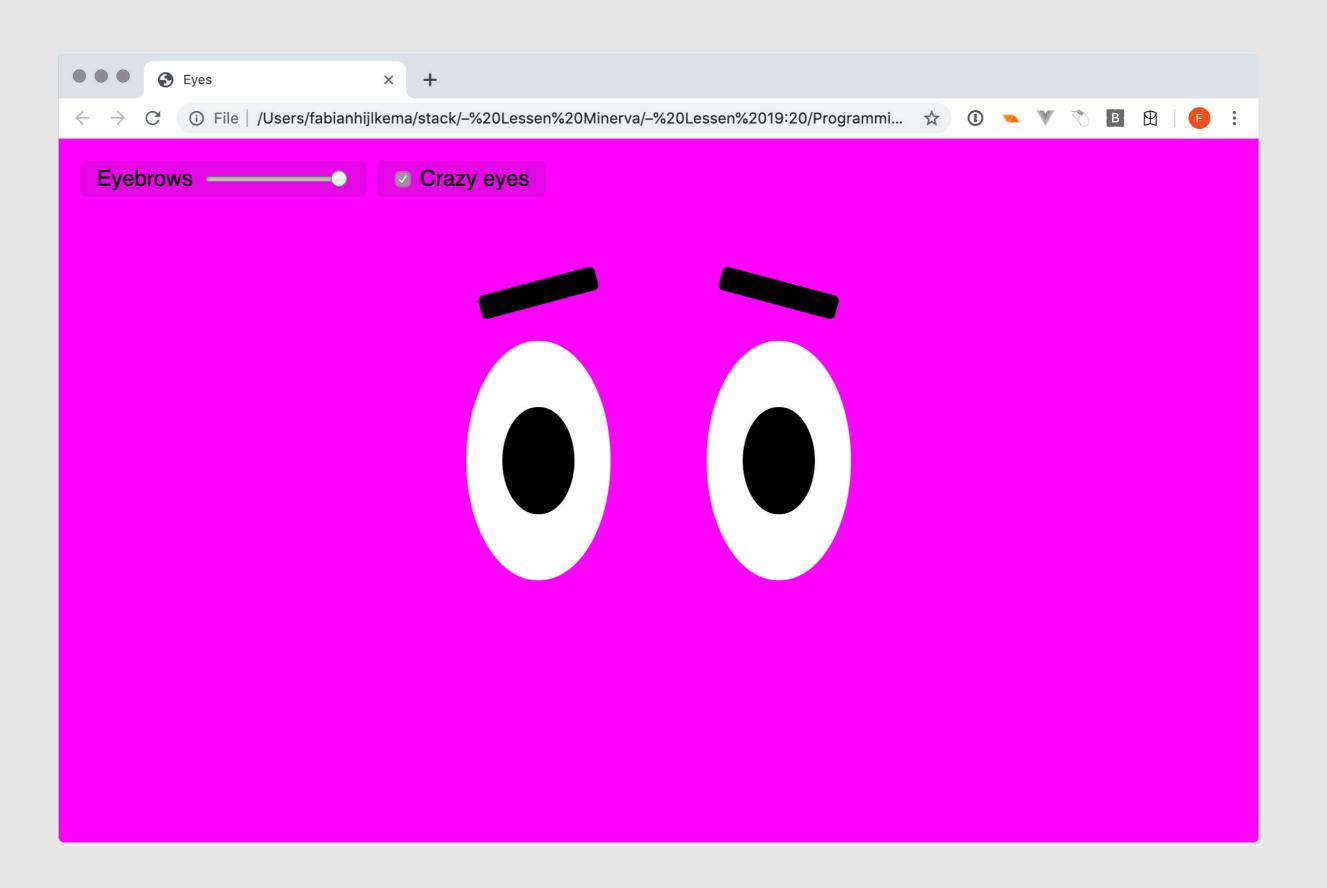
Variables

A 'word' that can store a value that can be referenced to and changed

<u>Functions</u>

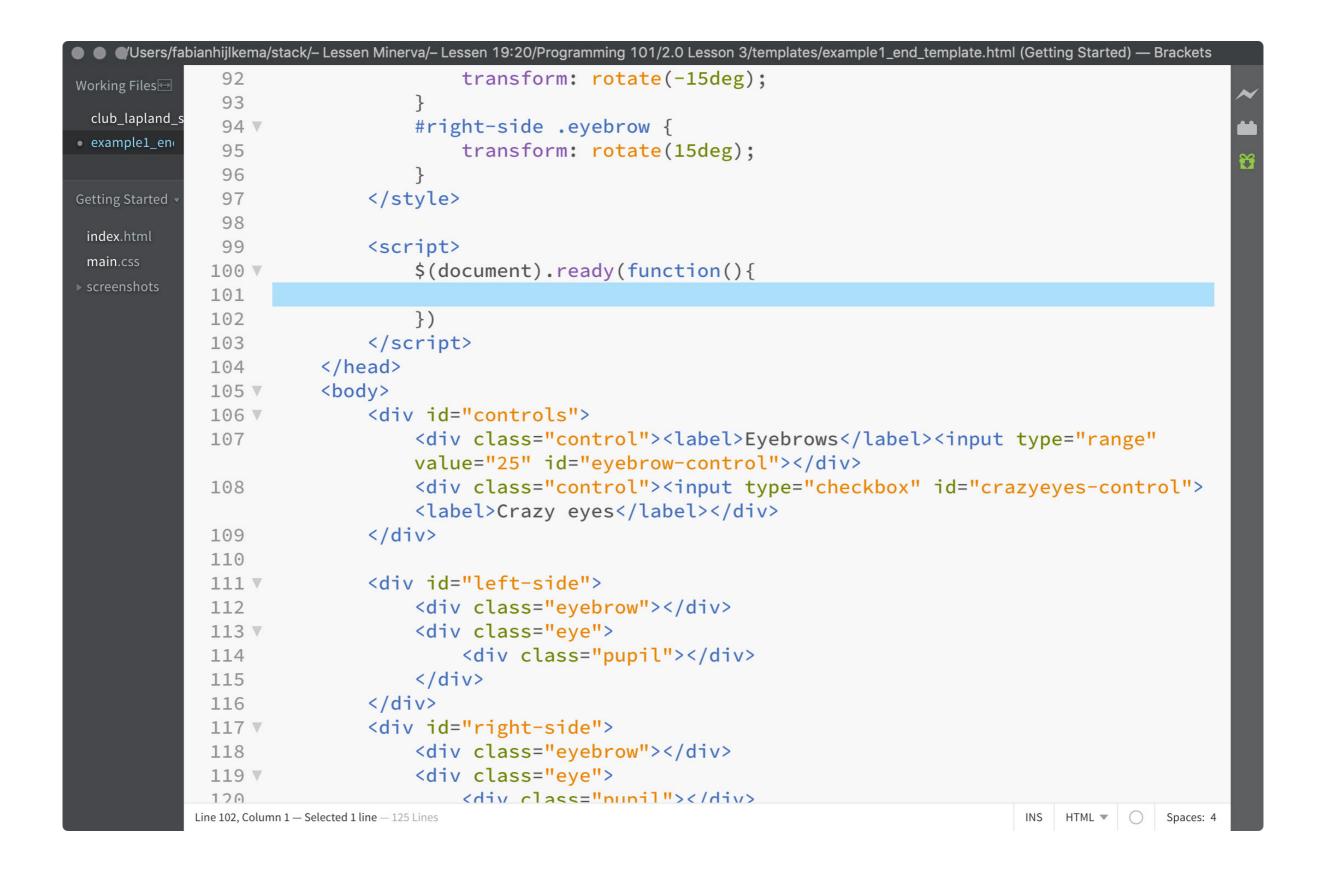
Is a small set of programming-lines that can be easily re-used.

Don't Repeat Yourself



Download lesson3.zip from http://artez. fabianhijlkema.nl/ projectweek/coding

Open up example1.html in both Brackets and your browser.



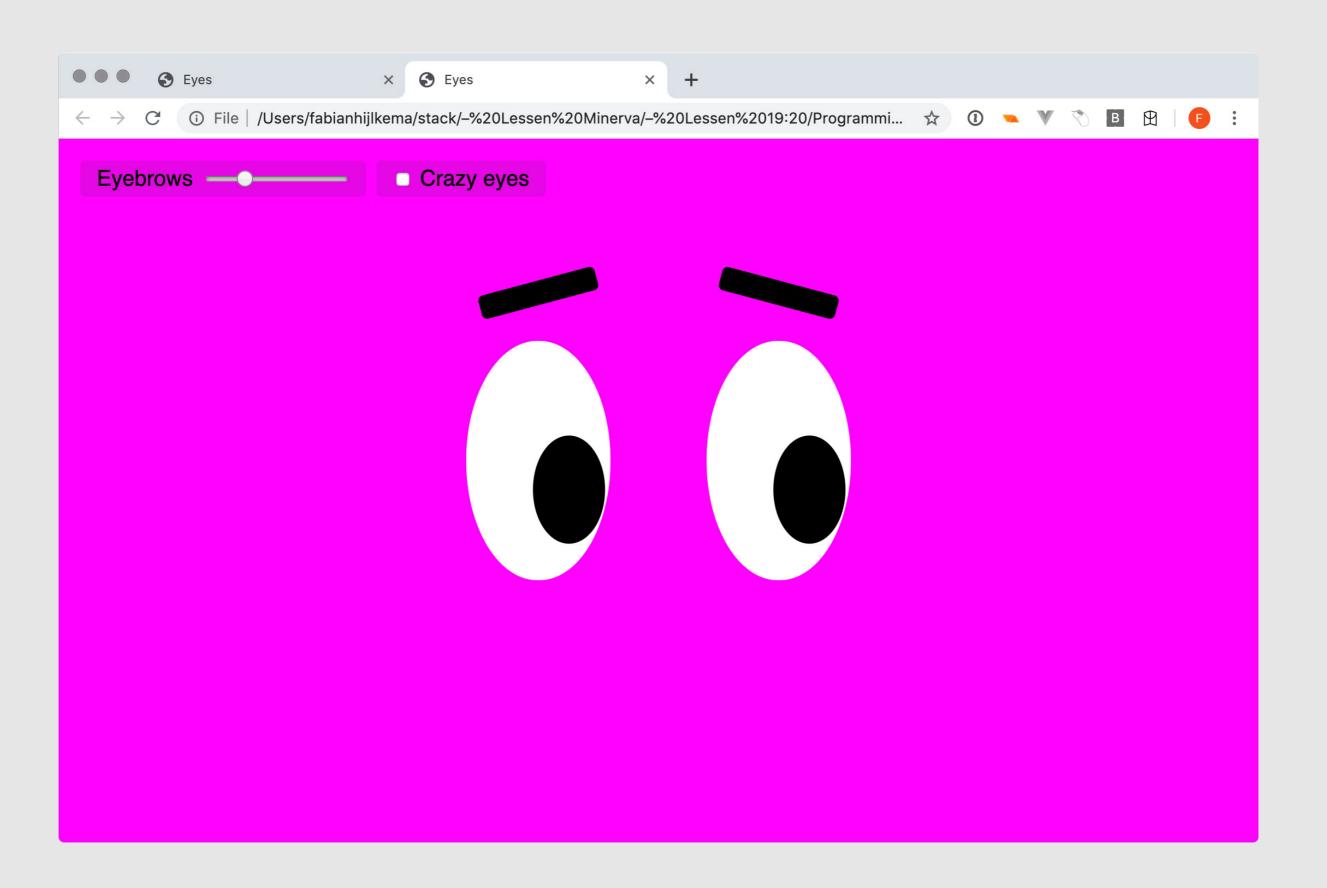
```
● ●/Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                                       transform: rotate(-15deg);
               92
Working Files⊟
               93
 club lapland s
                                  #right-side .eyebrow {
               94 ▼
• example1_en
                                       transform: rotate(15deg);
               95
               96
                              </style>
               97
Getting Started
               98
 index.html
               99
                              <script>
 main.css
                                  $(document).ready(function(){
              100 ▼
                                       $(window).on('mousemove', function( event ) {
              101 ▼
              102
                                       })
              103
              104
              105
                                  })
                              </script>
              106
                         </head>
              107
                         <body>
              108 ▼
                              <div id="controls">
              109 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
              110
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
              111
                                  <label>Crazy eyes</label></div>
                              </div>
              112
              113
                              <div id="left-side">
              114 ▼
                                  <div class="eyebrow"></div>
              115
                                  <div class="eye">
              116 ▼
                                       <div class="pupil"></div>
              117
                                  </div>
              118
              119
                              </div>
                              <div id="right-side">
            Line 103, Column 19 — Selected 3 lines — 128 Lines
                                                                                                 INS HTML ▼ Spaces: 4
```

```
● ●/Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                                       transform: rotate(-15deg);
               92
Working Files⊟
               93
 club lapland s
                                  #right-side .eyebrow {
               94 ▼
• example1_en
                                       transform: rotate(15deg);
               95
               96
                              </style>
               97
Getting Started
               98
 index.html
               99
                              <script>
 main.css
                                  $(document).ready(function(){
             100 ▼
                                       $(window).on('mousemove', function( event ) {
             101 ▼
                                            console.log('mouse is moving')
             102
                                       })
             103
             104
             105
                                  })
                              </script>
             106
                         </head>
             107
                         <body>
             108 ▼
                              <div id="controls">
             109 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             110
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             111
                                  <label>Crazy eyes</label></div>
                              </div>
             112
             113
                              <div id="left-side">
             114 ▼
                                  <div class="eyebrow"></div>
             115
                                  <div class="eye">
             116 ▼
                                       <div class="pupil"></div>
             117
                                  </div>
             118
             119
                              </div>
                              <div id="right-side">
            Line 103, Column 1 — Selected 1 line — 128 Lines
                                                                                                INS HTML ▼ Spaces: 4
```

```
• (Jusers/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                                       transform: rotate(-15deg);
               92
Working Files⊟
              93
 club lapland s
                                  #right-side .eyebrow {
               94 ▼
• example1_en
                                      transform: rotate(15deg);
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              96
                             </style>
              97
Getting Started
              98
 index.html
              99
                             <script>
 main.css
                                  $(document).ready(function(){
             100 ▼
                                       $(window).on('mousemove', function( event ) {
             101 ▼
                                           var x = event.pageX / $(window).width() * 100
             102
                                           var y = event.pageY / $(window).height() * 100
             103
             104
             105
                                      })
             106
                                  })
             107
                             </script>
             108
                        </head>
             109
                        <body>
             110 ▼
                             <div id="controls">
             111 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             112
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             113
                                  <label>Crazy eyes</label></div>
                             </div>
             114
             115
                             <div id="left-side">
             116 ▼
                                  <div class="eyebrow"></div>
             117
                                  <div class="eye">
             118 ▼
                                       <div class="pupil"></div>
             119
                                  </div>
             120
            Line 103, Column 67 — Selected 2 lines — 130 Lines
                                                                                                  HTML ▼
                                                                                                            Spaces: 4
```

```
• (Jusers/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                                       transform: rotate(-15deg);
               92
Working Files⊟
              93
 club lapland s
                                  #right-side .eyebrow {
               94 ▼
• example1_en
                                      transform: rotate(15deg);
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              96
                             </style>
              97
Getting Started
              98
 index.html
              99
                             <script>
 main.css
                                  $(document).ready(function(){
             100 ▼
                                       $(window).on('mousemove', function( event ) {
             101 ▼
                                           var x = event.pageX / $(window).width() * 100
             102
                                           var y = event.pageY / $(window).height() * 100
             103
             104
             105
                                           console.log(x, y)
             106
                                      })
             107
             108
                                  })
             109
                             </script>
             110
                        </head>
             111
                        <body>
             112 ▼
                             <div id="controls">
             113 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             114
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             115
                                  <label>Crazy eyes</label></div>
                             </div>
             116
             117
                             <div id="left-side">
             118 ▼
                                  <div class="eyebrow"></div>
             119
                                  <div class="eve">
             120 ▼
            Line 106, Column 1 — Selected 1 line — 132 Lines
                                                                                                  HTML ▼ Spaces: 4
```

```
• @'Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                                       transform: rotate(-15deg);
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Working Files⊟
               93
 club lapland s
                                  #right-side .eyebrow {
               94 ▼
• example1_en
                                       transform: rotate(15deg);
               95
               96
                             </style>
               97
Getting Started
               98
 index.html
               99
                             <script>
 main.css
                                  $(document).ready(function(){
             100 ▼
                                       $(window).on('mousemove', function( event ) {
             101 ▼
                                            var x = event.pageX / $(window).width() * 100
             102
                                            var y = event.pageY / $(window).height() * 100
             103
             104
                                            $('.pupil').css({
             105 ▼
                                                left: x + '%',
             106
                                                top: y + '%'
             107
             108
             109
                                       })
             110
             111
                                  })
             112
                             </script>
             113
                        </head>
             114
                        <body>
             115 ▼
                             <div id="controls">
             116 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             117
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             118
                                  <label>Crazy eyes</label></div>
             119
                             </div>
             120
            Line 108, Column 23 — Selected 4 lines — 135 Lines
                                                                                                INS HTML ▼ O Spaces: 4
```



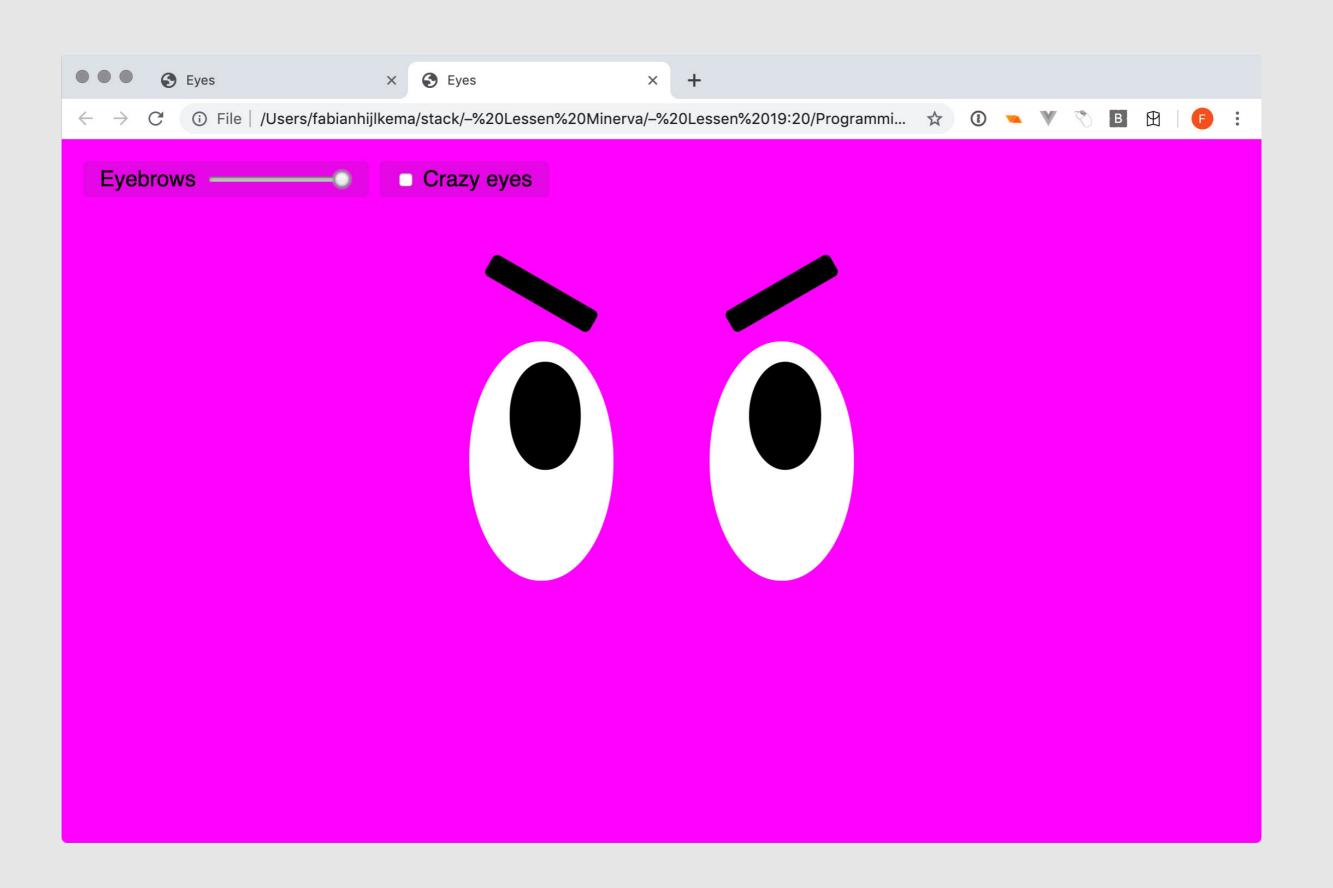
```
• (Jusers/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                              </style>
Working Files⊕
               98
                             <script>
              99
 club lapland s
                                  $(document).ready(function(){
             100 ▼
• example1_en
                                       $(window).on('mousemove', function( event ) {
             101 ▼
                                            var x = event.pageX / $(window).width() * 100
             102
Getting Started
                                            var y = event.pageY / $(window).height() * 100
             103
             104
 index.html
                                            $('.pupil').css({
             105 ▼
 main.css
                                                left: x + '%',
             106
                                                top: y + '%'
             107
                                           })
             108
             109
                                       })
             110
             111
                                       $('#eyebrow-control').on('input', function(){
             112 ▼
             113
                                       })
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             115
                                  })
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                             </script>
             117
                         </head>
             118
                        <body>
             119 ▼
                             <div id="controls">
             120 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             121
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             122
                                  <label>Crazy eyes</label></div>
                             </div>
             123
             124
                             <div id="left-side">
             125 ▼
            Line 114, Column 19 — Selected 3 lines — 139 Lines
                                                                                                INS HTML ▼ O Spaces: 4
```

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• (Jusers/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                             </style>
Working Files⊕
              98
                             <script>
              99
 club lapland s
                                  $(document).ready(function(){
             100 ▼
• example1_en
                                       $(window).on('mousemove', function( event ) {
             101 ▼
                                           var x = event.pageX / $(window).width() * 100
             102
Getting Started
             103
                                           var y = event.pageY / $(window).height() * 100
             104
 index.html
                                           $('.pupil').css({
             105 ▼
 main.css
                                                left: x + '%',
             106
                                                top: y + '%'
             107
                                           })
             108
             109
                                      })
             110
             111
                                      $('#eyebrow-control').on('input', function(){
             112 ▼
                                           var rotation = (this).val() * 0.6 - 30
             113
                                      })
             114
             115
                                  })
             116
                             </script>
             117
             118
                        </head>
                        <body>
             119 ▼
                             <div id="controls">
             120 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             121
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             122
                                  <label>Crazy eyes</label></div>
                             </div>
             123
             124
                             <div id="left-side">
             125 ▼
            Line 114, Column 1 — Selected 1 line — 139 Lines
                                                                                               INS HTML ▼ Spaces: 4
```

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• (Jusers/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                             </style>
Working Files⊕
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                             <script>
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 club lapland s
                                  $(document).ready(function(){
             100 ▼
• example1_en
                                       $(window).on('mousemove', function( event ) {
             101 ▼
                                           var x = event.pageX / $(window).width() * 100
             102
Getting Started
             103
                                           var y = event.pageY / $(window).height() * 100
             104
 index.html
                                           $('.pupil').css({
             105 ▼
 main.css
                                                left: x + '%',
             106
                                                top: y + '%'
             107
                                           })
             108
             109
                                      })
             110
             111
                                      $('#eyebrow-control').on('input', function(){
             112 ▼
                                           var rotation = (this).val() * 0.6 - 30
             113
             114
                                           console.log(rotation)
             115
                                      })
             116
             117
                                  })
             118
                             </script>
             119
             120
                        </head>
                        <body>
             121 ▼
                             <div id="controls">
             122 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             123
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             124
                                  <label>Crazy eyes</label></div>
                             </div>
             125
            Line 116, Column 1 — Selected 1 line — 141 Lines
                                                                                                  HTML ▼  Spaces: 4
```

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• (Jusers/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                              </style>
Working Files⊕
               98
                             <script>
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 club lapland s
                                  $(document).ready(function(){
             100 ▼
• example1_en
                                       $(window).on('mousemove', function( event ) {
             101 ▼
                                            var x = event.pageX / $(window).width() * 100
             102
Getting Started
                                           var y = event.pageY / $(window).height() * 100
             103
             104
 index.html
                                            $('.pupil').css({
             105 ▼
 main.css
                                                left: x + '%',
             106
                                                top: y + '%'
             107
                                           })
             108
             109
                                       })
             110
             111
                                       $('#eyebrow-control').on('input', function(){
             112 ▼
                                            var rotation = (this).val() * 0.6 - 30
             113
             114
                                            $('#left-side .eyebrow').css({
             115 ▼
                                                transform: 'rotate(' + rotation + 'deg)'
             116
             117
             118
                                       })
             119
             120
                                  })
             121
                             </script>
             122
                        </head>
             123
                        <body>
             124 ▼
                             <div id="controls">
             125 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             126
                                  value="25" id="eyebrow-control"></div>
            Line 117, Column 23 — Selected 3 lines — 144 Lines
                                                                                                INS HTML ▼ O Spaces: 4
```

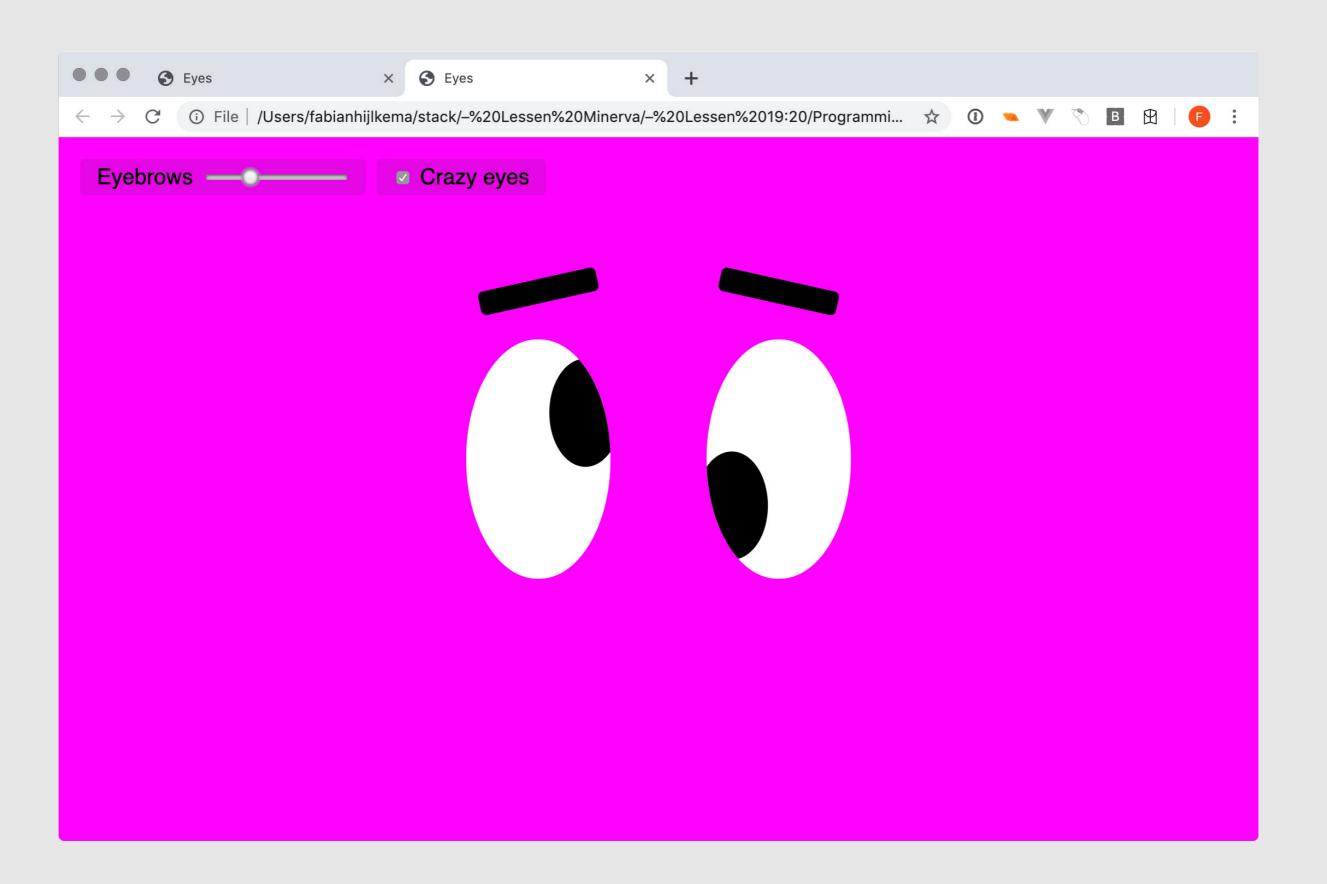
```
• (Jusers/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                              </style>
Working Files⊕
               98
                             <script>
              99
 club lapland s
                                  $(document).ready(function(){
             100 ▼
• example1_en
                                       $(window).on('mousemove', function( event ) {
             101 ▼
                                            var x = event.pageX / $(window).width() * 100
             102
Getting Started
                                           var y = event.pageY / $(window).height() * 100
             103
             104
 index.html
                                            $('.pupil').css({
             105 ▼
 main.css
                                                left: x + '%',
             106
                                                top: y + '%'
             107
                                           })
             108
             109
                                       })
             110
             111
                                       $('#eyebrow-control').on('input', function(){
             112 ▼
                                            var rotation = (this).val() * 0.6 - 30
             113
             114
                                            $('#left-side .eyebrow').css({
             115 ▼
                                                transform: 'rotate(' + rotation + 'deg)'
             116
                                            })
             117
                                            $('#right-side .eyebrow').css({
             118 ▼
                                                transform: 'rotate(' + -rotation + 'deg)'
             119
                                            })
             120
                                       })
             121
             122
             123
                                  })
                             </script>
             124
                        </head>
             125
                        <body>
             126 ▼
                             <div id="controls">
             127 ▼
            Line 120, Column 23 — Selected 3 lines — 146 Lines
                                                                                                INS HTML ▼ O Spaces: 4
```



```
• @'Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                                  #right-side .eyebrow {
              94 ▼
Working Files⊕
                                      transform: rotate(15deg);
              95
 club lapland s
              96
                             </style>
• example1_en
              97
              98
                             <script>
              99
Getting Started
                                  $(document).ready(function(){
             100 ▼
 index.html
                                      var crazyeyes = false
             101
 main.css
             102
                                       $(window).on('mousemove', function( event ) {
             103 ▼
                                           var x = event.pageX / $(window).width() * 100
             104
                                           var y = event.pageY / $(window).height() * 100
             105
             106
                                           $('.pupil').css({
             107 ▼
                                                left: x + '%',
             108
                                                top: y + '%'
             109
             110
                                           })
             111
                                      })
             112
             113
                                      $('#eyebrow-control').on('input', function(){
             114 ▼
                                           var rotation = $(this).val() * 0.6 - 30
             115
             116
                                           $('#left-side .eyebrow').css({
             117 ▼
                                                transform: 'rotate(' + rotation + 'deg)'
             118
                                           })
             119
                                           $('#right-side .eyebrow').css({
             120 ▼
                                                transform: 'rotate(' + -rotation + 'deg)'
             121
                                           })
             122
                                      })
             123
             124
            Line 102, Column 1 — Selected 1 line — 148 Lines
                                                                                                INS HTML ▼ O Spaces: 4
```

```
• (Jusers/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
Working Files ₩
                                                $('#right-side .pupil').css({
             113 ▼
                                                    left: 100 - x + '%',
             114
 club lapland s
                                                    top: 100 - v + '%'
             115
• example1_en
             116
                                               })
             117
                                           }
Getting Started
             118
                                      })
             119
 index.html
                                      $('#eyebrow-control').on('input', function(){
             120 ▼
 main.css
                                           var rotation = (this).val() * 0.6 - 30
             121
             122
                                           $('#left-side .eyebrow').css({
             123 ▼
                                                transform: 'rotate(' + rotation + 'deg)'
             124
                                           })
             125
                                           $('#right-side .eyebrow').css({
             126 ▼
                                                transform: 'rotate(' + -rotation + 'deg)'
             127
                                           })
             128
                                      })
             129
             130
                                      $('#crazyeyes-control').on('input', function(){
             131 ▼
                                           crazyeyes = $(this).is(':checked')
             132
                                      })
             133
                                 })
             134
                             </script>
             135
                        </head>
             136
                        <body>
             137 ▼
                             <div id="controls">
             138 ▼
             139
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
                                 value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             140
                                  <label>Crazy eyes</label></div>
            Line 131, Column 17 — Selected 3 lines — 157 Lines
                                                                                               INS HTML ▼ Spaces: 4
```

```
• @'Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
                                  #right-side .eyebrow {
              94 ▼
Working Files ₩
                                      transform: rotate(15deg);
              95
 club lapland s
              96
                             </style>
• example1_en
              97
              98
                             <script>
              99
Getting Started
                                  $(document).ready(function(){
             100 ▼
 index.html
                                      var crazyeyes = false
             101
 main.css
             102
                                       $(window).on('mousemove', function( event ) {
             103 ▼
                                           var x = event.pageX / $(window).width() * 100
             104
                                           var y = event.pageY / $(window).height() * 100
             105
             106
                                           $('.pupil').css({
             107 ▼
                                                left: x + '%',
             108
                                                top: y + '%'
             109
             110
                                           })
             111
                                           if(crazyeyes) {
             112 ▼
                                                $('#right-side .pupil').css({
             113 ▼
                                                     left: 100 - x + '%',
             114
                                                     top: 100 - y + '%'
             115
             116
             117
                                      })
             118
             119
                                       $('#eyebrow-control').on('input', function(){
             120 ▼
                                           var rotation = (this).val() * 0.6 - 30
             121
             122
                                           $('#left-side .eyebrow').css({
             123 ▼
                                                transform: 'rotate(' + rotation + 'deg)'
             124
            Line 117, Column 22 — Selected 6 lines — 154 Lines
                                                                                                INS HTML ▼ O Spaces: 4
```



```
• @'Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
             122
Working Files ₩
             123 ▼
                                           $('#left-side .eyebrow').css({
                                                transform: 'rotate(' + rotation + 'deg)'
 club lapland s
             124
                                           })
• example1_en
             125
                                           $('#right-side .eyebrow').css({
             126 ▼
                                                transform: 'rotate(' + -rotation + 'deg)'
             127
Getting Started
                                           })
             128
 index.html
                                      })
             129
 main.css
             130
                                      $('#crazyeyes-control').on('input', function(){
             131 ▼
                                           crazyeyes = $(this).is(':checked')
             132
                                      })
             133
             134
                                      blink()
             135
             136
                             </script>
             137
                        </head>
             138
                        <body>
             139 ▼
                             <div id="controls">
             140 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             141
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             142
                                  <label>Crazy eyes</label></div>
                             </div>
             143
             144
                             <div id="left-side">
             145 ▼
                                  <div class="eyebrow"></div>
             146
                                  <div class="eye">
             147 ▼
                                       <div class="pupil"></div>
             148
                                  </div>
             149
                             </div>
             150
            Line 136, Column 1 — Selected 1 line — 159 Lines
                                                                                               INS HTML ▼ Spaces: 4
```

```
• @'Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
             IZO
                                            $("#right-side .eyebrow").css({
Working Files⊕
                                                transform: 'rotate(' + -rotation + 'deg)'
             127
                                            })
             128
 club lapland s
                                       })
             129
 example1_start
             130
• example1_en
                                       $('#crazyeyes-control').on('input', function(){
             131 ▼
                                            crazyeyes = $(this).is(':checked')
             132
Getting Started
                                       })
             133
             134
 index.html
                                       blink()
             135
 main.css
                                  })
             136
             137
                                  function blink() {
             138 ▼
                                       console.log('blink')
             139
             140
                             </script>
             141
                        </head>
             142
             143 ▼
                        <body>
                             <div id="controls">
             144 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             145
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             146
                                  <label>Crazy eyes</label></div>
                             </div>
             147
             148
                             <div id="left-side">
             149 ▼
                                  <div class="eyebrow"></div>
             150
                                  <div class="eye">
             151 ▼
                                       <div class="pupil"></div>
             152
                                  </div>
             153
                             </div>
             154
            Line 140, Column 14 — Selected 3 lines — 163 Lines
                                                                                                INS HTML ▼ Spaces: 4
```

```
• @'Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
             122
Working Files ₩
             123 ▼
                                           $('#left-side .eyebrow').css({
                                                transform: 'rotate(' + rotation + 'deg)'
 club lapland s
             124
                                           })
• example1_en
             125
                                           $('#right-side .eyebrow').css({
             126 ▼
                                                transform: 'rotate(' + -rotation + 'deg)'
             127
Getting Started
                                           })
             128
 index.html
                                      })
             129
 main.css
             130
                                      $('#crazyeyes-control').on('input', function(){
             131 ▼
                                           crazyeyes = $(this).is(':checked')
             132
                                      })
             133
             134
                                      blink()
             135
                                 })
             136
             137
                                  function blink() {
             138 ▼
                                      var timetowait = Math.ceil(Math.random() * 6) * 1000
             139
             140
                             </script>
             141
                        </head>
             142
                        <body>
             143 ▼
                             <div id="controls">
             144 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             145
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             146
                                  <label>Crazy eyes</label></div>
                             </div>
             147
             148
                             <div id="left-side">
             149 ▼
                                  <div class="eyebrow"></div>
             150
            Line 140, Column 14 — Selected 3 lines — 163 Lines
                                                                                               INS HTML ▼ Spaces: 4
```

```
• @'Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
             122
Working Files ₩
             123 ▼
                                           $('#left-side .eyebrow').css({
                                                transform: 'rotate(' + rotation + 'deg)'
 club lapland s
             124
                                           })
• example1_en
             125
                                           $('#right-side .eyebrow').css({
             126 ▼
                                                transform: 'rotate(' + -rotation + 'deg)'
             127
Getting Started
                                           })
             128
 index.html
                                      })
             129
 main.css
             130
                                      $('#crazyeyes-control').on('input', function(){
             131 ▼
                                           crazyeyes = $(this).is(':checked')
             132
                                      })
             133
             134
                                      blink()
             135
                                  })
             136
             137
                                  function blink() {
             138 ▼
                                      var timetowait = Math.ceil(Math.random() * 6) * 1000
             139
                                      setTimeout(function(){
             140 ▼
                                           alert('blink')
             141
                                      }, timetowait)
             142
             143
                             </script>
             144
                        </head>
             145
                        <body>
             146 ▼
                             <div id="controls">
             147 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             148
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             149
                                  <label>Crazy eyes</label></div>
             150
                             </div>
            Line 142, Column 31 — Selected 3 lines — 166 Lines
                                                                                               INS HTML ▼ O Spaces: 4
```

```
• @'Users/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
             122
Working Files ₩
             123 ▼
                                           $('#left-side .eyebrow').css({
                                                transform: 'rotate(' + rotation + 'deg)'
 club lapland s
             124
                                           })
• example1_en
             125
                                           $('#right-side .eyebrow').css({
             126 ▼
                                                transform: 'rotate(' + -rotation + 'deg)'
             127
Getting Started
                                           })
             128
 index.html
                                      })
             129
 main.css
             130
                                      $('#crazyeyes-control').on('input', function(){
             131 ▼
                                           crazyeyes = $(this).is(':checked')
             132
                                      })
             133
             134
                                      blink()
             135
                                 })
             136
             137
                                 function blink() {
             138 ▼
                                      var timetowait = Math.ceil(Math.random() * 6) * 1000
             139
                                      setTimeout(function(){
             140 ▼
                                           $('.eye').addClass('blink')
             141
                                      }, timetowait)
             142
             143
                             </script>
             144
                        </head>
             145
                        <body>
             146 ▼
                             <div id="controls">
             147 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             148
                                 value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             149
                                  <label>Crazy eyes</label></div>
             150
                             </div>
            Line 142, Column 1 — Selected 1 line — 166 Lines
                                                                                               INS HTML ▼ Spaces: 4
```

```
• (Jusers/fabianhijlkema/stack/- Lessen Minerva/- Lessen 19:20/Programming 101/2.0 Lesson 3/templates/example1_end_template.html (Getting Started) — Brackets
             122
Working Files ₩
             123 ▼
                                           $('#left-side .eyebrow').css({
                                                transform: 'rotate(' + rotation + 'deg)'
 club lapland s
             124
                                           })
• example1_en
             125
                                           $('#right-side .eyebrow').css({
             126 ▼
                                                transform: 'rotate(' + -rotation + 'deg)'
             127
Getting Started
                                           })
             128
 index.html
                                      })
             129
 main.css
             130
                                      $('#crazyeyes-control').on('input', function(){
             131 ▼
                                           crazyeyes = $(this).is(':checked')
             132
                                      })
             133
             134
                                      blink()
             135
                                  })
             136
             137
                                  function blink() {
             138 ▼
                                      var timetowait = Math.ceil(Math.random() * 6) * 1000
             139
                                      setTimeout(function(){
             140 ▼
                                           $('.eye').addClass('blink')
             141
             142
                                           blink()
             143
                                       }, timetowait)
             144
             145
                             </script>
             146
                        </head>
             147
                        <body>
             148 ▼
                             <div id="controls">
             149 ▼
                                  <div class="control"><label>Eyebrows</label><input type="range"</pre>
             150
                                  value="25" id="eyebrow-control"></div>
                                  <div class="control"><input type="checkbox" id="crazyeyes-control">
             151
            Line 143, Column 21 — Selected 7 columns — 168 Lines
                                                                                               INS HTML ▼ O Spaces: 4
```

```
Substraction of the property of the propert
                                         122
Working Files ₩
                                                                                                                                   $('#left-side .eyebrow').css({
                                         123 ▼
                                                                                                                                                 transform: 'rotate(' + rotation + 'deg)'
     club lapland s
                                         124
                                                                                                                                   })
                                         125
     example1_en
                                                                                                                                   $('#right-side .eyebrow').css({
                                         126 ▼
                                                                                                                                                 transform: 'rotate(' + -rotation + 'deg)'
                                         127
Getting Started
                                                                                                                                   })
                                         128
   index.html
                                                                                                                    })
                                         129
   main.css
                                         130
                                                                                                                    $('#crazyeyes-control').on('input', function(){
                                        131 ▼
                                                                                                                                   crazyeyes = $(this).is(':checked')
                                         132
                                                                                                                    })
                                        133
                                        134
                                                                                                                    blink()
                                         135
                                                                                                      })
                                         136
                                        137
                                                                                                      function blink() {
                                        138 ▼
                                                                                                                    var timetowait = Math.ceil(Math.random() * 6) * 1000
                                        139
                                                                                                                    setTimeout(function(){
                                        140 ▼
                                                                                                                                   $('.eye').addClass('blink')
                                        141
                                                                                                                                   setTimeout(function(){
                                        142 ▼
                                                                                                                                                 $('.eye').removeClass('blink')
                                         143
                                                                                                                                   }, 150)
                                         144
                                         145
                                         146
                                                                                                                                   blink()
                                                                                                                    }, timetowait)
                                         147
                                         148
                                                                                        </script>
                                         149
                                                                          </head>
                                        150
                                                                          <body>
                                        151 ▼
                                                                                        <div id="controls">
                                        152 ▼
                                    Line 144, Column 28 — Selected 3 lines — 171 Lines
                                                                                                                                                                                                                                                                                                INS HTML ▼ O Spaces: 4
```

Now create the final character "Z" where you try to be more creative using JavaScript.