```html
1  <!DOCTYPE html>
2  <html>
3
4  <head>
5    <%- include('../partials/head'); %>
6
7      <script>
8        var animationTime = 1000;
9        var animationQueue = []
10       var currAnimation, lastAnimation;
11
12       function movePiece(piece, elementBoard, time) {
13         return piece.animate({
14           left: elementBoard.offset().left + ((elementBoard.outerWidth
                   () - piece.outerWidth()) / 2),
15           top: elementBoard.offset().top + ((elementBoard.outerHeight
                   () - piece.outerHeight()) / 2)
16         }, time).promise();
17       }
18       async function transportPiece(idOrigin, idDestination,time =
              animationTime) {
19         let piece = $("#divFicha").clone().removeAttr("id").addClass("
                step").removeClass("d-none").appendTo("body");
20
21         let elementOrigin = findBoardElement("Q" + idOrigin);
22         let elementDestination = findBoardElement("Q" + idDestination)
                ;
23
24         await movePiece(piece, elementOrigin, 0);
25         await movePiece(piece, elementDestination, time);
26       }
27
28
29       function findBoardElement(idBoard) {
30         return $("td").filter(function () {
31           return $(this).text() == idBoard;
32         });
33       }
34
35       $(document).ready(function () {
36         $("#btnStart").click(function () {
37           $.post("/procesar/cadena/", {
38             input: $("#txtMovimientos").val(),
39             auto: $("input[name=radioModo]:checked").val() == "auto",
40             num: $("input[name=radioNum]:checked").val() == "1" ? 1 :
                   2
41           }, function (data, status) {
42             data = JSON.parse(data);
43
44             // Setting move text
45             $("#txtMovimientos").val(data.moves);
46
47             // Queueing animations
48             animationQueue = data.animations;
```

```
49
50              // Setting up first animation
51              lastAnimation = animationQueue.shift();
52
53              if (data.winner) {
54                alert("Movimientos ganadores!");
55              }
56            });
57          });
58
59          // Node animation dequeuing
60          setInterval(function () {
61            if (animationQueue.length == 0) {
62              return;
63            }
64
65            $(".step").remove();
66
67            currAnimation = animationQueue.shift();
68
69            // Animating current
70            lastAnimation.forEach(lastStep => {
71              currAnimation.forEach(newStep => {
72                transportPiece(lastStep, newStep);
73              });
74            });
75
76            lastAnimation = currAnimation;
77          }, animationTime);
78
79        });
80      </script>
81  </head>
82
83  <body class="d-block">
84    <div id="div-alert-container" class="d-flex justify-content-center
         fixed-top">
85      <div id="div-alert" class="alert text-justify" style="display:
           none;"></div>
86    </div>
87    <div class="container">
88      <div class="row">
89        <div class="d-flex w-100 flex-column">
90          <%- include('../partials/header'); %>
91
92            <main role="main" class="inner cover text-center w-100">
93              <h1 class="cover-heading">Tablero de Ajedrez</h1>
94              <p>
95                Simula todos los movimientos con un tablero de ajedrez
                    de 4x4
96              </p>
97              <br>
98              <div class="row d-flex justify-content-center">
99                <div id="divModo" class="col-sm-6 text-center">
```

```html
                    <div class="form-check">
                        <input class="form-check-input" name="radioModo" id=
                            "radioModoAuto" type="radio" value="auto"
                            checked>
                        <label class="form-check-label" for="radioModoAuto">
                            Autom tico
                        </label>
                    </div>
                    <div class="form-check">
                        <input class="form-check-input" name="radioModo" id=
                            "radioModoManual" type="radio" value="manual">
                        <label class="form-check-label" for="radioModoManual
                            ">
                            Manual
                        </label>
                    </div>
                    <br>
                    <div id="divMovimientos" class="form-group">
                        <input type="text" class="form-control" id="
                            txtMovimientos" placeholder="Inserte los
                            movimientos">
                        <small class="form-text text-muted">Dejar esto
                            vac o para que se genere aleatoriamente.</small
                            >
                    </div>
                </div>
                <div id="divNum" class="col-sm-6 d-none">
                    <span class="float-left">
                        <div class="form-check">
                            <input class="form-check-input" name="radioNum"
                                id="radioNum1" type="radio" value="1" checked>
                            <label class="form-check-label" for="radioNum2">
                                Uno
                            </label>
                        </div>
                        <div class="form-check">
                            <input class="form-check-input" name="radioNum"
                                id="radioNum2" type="radio" value="2">
                            <label class="form-check-label" for="radioNum2">
                                Dos
                            </label>
                        </div>
                        <div class="form-group">
                            <label id="lblFichaAuto"></label>
                        </div>
                    </span>
                </div>
            </div>
            <br>
            <div id="divControl">
                <button id="btnStart" type="button" class="btn
                    btn-primary">Iniciar</button>
            </div>
        </main>
```

```html
143        </div>
144      </div>
145    </div>
146    <br>
147    <div class="d-block">
148      <div class="d-flex justify-content-center">
149        <div class="col-auto">
150          <table class="table table-responsive">
151            <tr>
152              <td class="bg-dark text-center align-middle">Q1</td>
153              <td class="bg-danger text-center align-middle">Q2</td>
154              <td class="bg-dark text-center align-middle">Q3</td>
155              <td class="bg-danger text-center align-middle">Q4</td>
156            </tr>
157            <tr>
158              <td class="bg-danger text-center align-middle">Q5</td>
159              <td class="bg-dark text-center align-middle">Q6</td>
160              <td class="bg-danger text-center align-middle">Q7</td>
161              <td class="bg-dark text-center align-middle">Q8</td>
162            </tr>
163            <tr>
164              <td class="bg-dark text-center align-middle">Q9</td>
165              <td class="bg-danger text-center align-middle">Q10</td>
166              <td class="bg-dark text-center align-middle">Q11</td>
167              <td class="bg-danger text-center align-middle">Q12</td>
168            </tr>
169            <tr>
170              <td class="bg-danger text-center align-middle">Q13</td>
171              <td class="bg-dark text-center align-middle">Q14</td>
172              <td class="bg-danger text-center align-middle">Q15</td>
173              <td class="bg-dark text-center align-middle">Q16</td>
174            </tr>
175          </table>
176        </div>
177      </div>
178    </div>
179
180    <div id="divFicha" class="d-none position-absolute">
181      <img class="imgFicha" src="/img/fichaAzul.png" alt="Ficha">
182    </div>
183  </body>
184
185  </html>
```

```css
1
2  @media only screen and (min-width: 768px) and (max-width: 991px) {
3
4    #main {
5      width: 712px;
6      padding: 100px 28px 120px;
7    }
8
9    /* .mono {
10      font-size: 90%;
```

```css
11    } */
12
13    .cssbtn a {
14      margin-top: 10px;
15      margin-bottom: 10px;
16      width: 60px;
17      height: 60px;
18      font-size: 28px;
19      line-height: 62px;
20    }
```

```python
1  class TelgramRequestHandler(object):
2      def handle(self):
3          addr = self.client_address[0]         # Client IP-adress
4          telgram = self.request.recv(1024)     # Recieve telgram
5          print "From: %s, Received: %s" % (addr, telgram)
6          return
```

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