

 Warsaw University of Technology	Advanced Internet Programming
Project 2 Styling a table using CSS and use of Tableless Tables	Maciej Iwańczyk 311258
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## 1. Introduction:

In today's project I have redone the table from the previous exercise using CSS. Understanding of the concepts used in the previous exercise helped a lot with this one. I only had to study some CSS basics in order to be able to edit the previous code.

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4  <link rel="stylesheet" type="text/css" href="style.css">
5  </head>
6  <body>
7  <h2>User information</h2>

```

This is the beginning of my code. I have linked the css file with the styles. I found out how to do this on the website <https://websistent.com/css-tableless-design-tutorial/>

```

1  .table {
2      display: table;
3      width: 500px;
4      border-collapse: collapse;
5  }
6
7  .row {
8      display: table-row;
9  }
10
11 .cell {
12     display: table-cell;
13     padding: 5px 10px;
14     border: 2px solid #ddd;
15 }
16
17 .cell:first-child {
18     font-weight: bold;
19 }
20
21 input[type="text"],
22 select,
23 input[type="checkbox"],
24 input[type="radio"],
25 button {
26     margin-bottom: 5px;
27 }

```

These are the styles I have chosen for my table. I tried to make it as simple as possible. I have added a bottom margin of 5 pixels to each form element, providing spacing between adjacent elements vertically. I have also added padding of 5 pixels on the top and bottom, and 10 pixels on the left and right, inside each cell, providing spacing between the cell content and the cell border.

```

34 <body>
35 <h2>User information</h2>
36 <div class="table">
37   <div class="row">
38     <div class="cell">First name</div>
39     <div class="cell">
40       <form id="userForm">
41         <input type="text" id="fname" name="fname" value=""><br>
42       </div>
43     </div>
44   <div class="row">
45     <div class="cell">Last name</div>
46     <div class="cell">
47       <input type="text" id="lname" name="lname" value=""><br><br>
48     </div>
49   </div>
50   <div class="row">
51     <div class="cell">Age</div>
52     <div class="cell">
53       <select id="age" name="age">
54         <option value="0-18">0-18</option>
55         <option value="19-40">19-40</option>
56         <option value="41-60">41-60</option>
57         <option value="61+">61+</option>
58       </select><br><br>
59     </div>
60   </div>
61   <div class="row">
62     <div class="cell">Sex</div>
63     <div class="cell">
64       <input type="radio" id="male" name="sex" value="Male">
65       <label for="male">Male</label><br>
66       <input type="radio" id="female" name="sex" value="Female">
67       <label for="female">Female</label>
68     </div>
69   </div>
70   <div class="row">
71     <div class="cell">Hobbies</div>
72     <div class="cell">
73       <input type="checkbox" id="hobby1" name="hobby" value="Sports">
74       <label for="hobby1">Sports</label><br>
75       <input type="checkbox" id="hobby2" name="hobby" value="Music">
76       <label for="hobby2">Music</label><br>
77       <input type="checkbox" id="hobby3" name="hobby" value="Cooking">
78       <label for="hobby3">Cooking</label>
79     </div>
80   </div>
81   <div class="row">
82     <div class="cell"><button type="button" onclick="displayUserData()">OK</button></div>
83     <div class="cell"><button type="reset">Cancel</button></form></div>
84   </div>
85 </div>

```

This is the tableless layout I have created based on the table from my previous project. This code is very simple and schematic. I just specify the two cells for each row in the table. The contents of the cells are the same as in the previous project.

```

59 </script>
60 function displayUserData() {
61     var firstName = document.getElementById("fname").value;
62     var lastName = document.getElementById("lname").value;
63     var age = document.getElementById("age").value;
64     var sex = document.querySelector('input[name="sex"]:checked').value;
65     var hobbies = [];
66     var checkboxes = document.querySelectorAll('input[name="hobby"]:checked');
67     checkboxes.forEach(function(checkbox) {
68         hobbies.push(checkbox.value);
69     });
70
71     var userData = "First name: " + firstName + "\n" +
72                   "Last name: " + lastName + "\n" +
73                   "Age: " + age + "\n" +
74                   "Sex: " + sex + "\n" +
75                   "Hobbies: " + hobbies.join(", ");
76
77     alert(userData);
78 }
79 </script>
80
81 </body>
82 </html>

```

I have modified the script from my previous project a bit so that it displays information as a text using alert instead of as a html table like in my previous project.

#### 4. The final project:

### User information

<b>First name</b>	<input type="text" value="John"/>
<b>Last name</b>	<input type="text" value="Doe"/>
<b>Age</b>	<input type="text" value="19-40"/>
<b>Sex</b>	<input checked="" type="radio"/> Male <input type="radio"/> Female
<b>Hobbies</b>	<input checked="" type="checkbox"/> Sports <input checked="" type="checkbox"/> Music <input type="checkbox"/> Cooking
<input type="button" value="OK"/>	<input type="button" value="Cancel"/>

### This page says

First name: John

Last name: Doe

Age: 19-40

Sex: Male

Hobbies: Sports, Music

OK