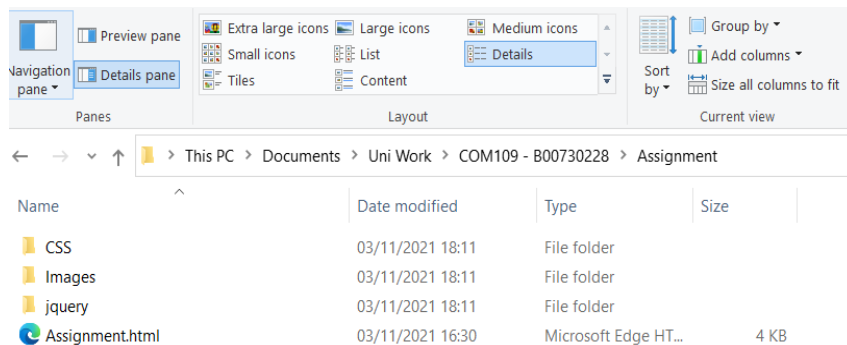


Sample screenshot of LeaderBoard



This PC > Documents > Uni Work > COM109 - B00730228 > Assignment > Images				
Name	Date	Type	Size	Tags
background.jpg	03/11/2021 17:16	JPG File	167 KB	
background-min.jp...	03/11/2021 16:49	JPEG File	89 KB	
favicon1.ico	27/10/2021 13:52	Icon	2 KB	
finland.jpg	27/10/2021 14:47	JPG File	2 KB	
finland-min.jpg	03/11/2021 16:49	JPG File	1 KB	
german.jpg	27/10/2021 14:43	JPG File	2 KB	
german-min.jpg	03/11/2021 16:49	JPG File	1 KB	
spain.jpg	27/10/2021 14:45	JPG File	2 KB	
spain-min.jpg	03/11/2021 16:49	JPG File	1 KB	
UK.jpg	27/10/2021 14:33	JPG File	3 KB	
UK-min.jpg	03/11/2021 16:49	JPG File	2 KB	

Sample folder structure for all COM109 Assignment 1 work and image folder for the file sizes for pictures

Code for LeaderBoard using the Preview in <http://hilite.me>  
HTML

*(Sample input to create the output required)*

**hilite.me** converts your code snippets into pretty-printed HTML format, easily embeddable into blog posts, emails and websites.

Just copy the source code to the left pane, select the language and the color scheme, and click "Highlight!". The HTML from the right pane can now be pasted to your blog or email, no external CSS or Javascript files are required.

**Source code:**

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport"
content="width=device-width, initial-
scale=1.0">

```

**HTML:**

```

<!-- HTML generated using hilite.me --><div
style="background: #ffffff;
overflow:auto;width:auto;border:solid
gray;border-width:.1em .1em .1em
.8em;padding:.2em .6em;"><pre
style="margin: 0; line-height: 125%"><span
style="color: #557799">&lt;!DOCTYPE
html">

```

Language: HTML Style: colorful ☐ Line numbers

*HTML selected with NO line numbers with Preview copied and pasted as text*

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>USA Grand Prix 2021</title>
    <!--Links to CSS Style Sheets-->
    <link rel="stylesheet" href="/CSS/leaderboardBackground.css" media="screen">
    <link rel="stylesheet" href="/CSS/leaderboardForm.css" media="screen">
    <link rel="stylesheet" href="/CSS/leaderboardStyle.css" media="screen">
    <!--Link to Icon - Found on Favicon.org-->
    <link rel="icon" href="/Images/favicon1.ico" type="image/ico" sizes="16x16">
  </head>
  <body>
    <div id="container">
      <header>

```

```
<h1><b>Formula 1</b></h1>
<h1>F1 <span>United States Grand Prix 2021</span></h1>
<h2>Qualifying Lap Scores</h2>
</header>
<ol>
  <li id = "one"><span>P1</span> - Lewis Hamilton - Mercedes - UK - 210 Points</li>
  <li id = "two"><span>Sebastian Vettel</span> - Aston Martin - <span>Germany</span> - 203 Points</li>
  <li id = "three"><span>Fernando Alonso</span> - Alpine - <span>Spain</span> - 198 Points</li>
  <li id = "four"><span>Kimi Räikkönen</span> - Alfa Romeo - <span>Finland</span> - 192 Points</li>
  <li id = "five"><span>Valtteri Bottas</span> - Mercedes - <span>Finland</span> - 186 Points</li>
</ol>
<button type="button" class="adddriver">Add Driver</button>
<!--Form to add a new driver to the leader board-->
<div id = "dataform">
  <form>
    <label for="dname">Driver Name</label>
    <input type="text" id="dname" placeholder="Drivers name">
    <label for="team">Team</label>
    <select id="team">
      <option value="Alfa Romeo">Alfa Romeo</option>
      <option value="AlphaTauri">AlphaTauri</option>
      <option value="Alpine">Alpine</option>
      <option value="Aston Martin">Aston Martin</option>
      <option value="Ferrari">Ferrari</option>
      <option value="Haas">Haas</option>
      <option value="McLaren">McLaren</option>
      <option value="Mercedes">Mercedes</option>
      <option value="Red Bull">Red Bull</option>
      <option value="Williams">Williams</option>
    </select>
    <br>
    <label for="country">Country</label>
    <select id="country">
      <option value="Australia">Australia</option>
      <option value="Belgium">Belgium</option>
      <option value="Canada">Canada</option>
```

```
<option value="Finland">Finland</option>
<option value="France">France</option>
<option value="Germany">Germany</option>
<option value="Italy">Italy</option>
<option value="Japan">Japan</option>
<option value="Mexico">Mexico</option>
<option value="Monaco">Monaco</option>
<option value="Netherlands">Netherlands</option>
<option value="Spain">Spain</option>
<option value="United Kingdom">United Kingdom</option>
<option value="USA">USA</option>
</select>
<label for="score">Score</label>
<input type="text" id="score" placeholder="Driver Score 3 Digits">
<input type="submit" id="submit" value="Submit">
</form>
</div>
</div>
<!-- Script Source-->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src="./jquery/app.js"></script>
</body>
</html>
```

## CSS



*CSS selected with NO line numbers with Preview copied and pasted as text*

```
@charset "UTF-8";
/*Font Styling*/
body
{
    font-family: Arial, 'Times New Roman', sans-serif, serif;
    font-size: 20px;
}
span
{
    color: white;
}

/*Heading Styles*/
h1
{
    color: red;
}
h1, h2{
    text-align: center;
}

/*Heading Style*/
header
{
    background-color: rgb(34, 33, 33);
```

```
    width: 80%;
    margin: 0 auto;
    color: white;
    box-shadow: 10px 10px red;
    border-width: 3px;
    border-color: white;
    border-style:solid;
    margin-top: 15px;
    margin-bottom: 40px;
    padding: 5px 5px;
}

/*Styling for buttons*/
button
{
    display: block;
    width:25%;
    background-color: red;
    color: white;
    padding: 14px 20px;
    margin: 0 auto;
    border-radius: 25px;
    border-width: 3px;
    border-radius: 4px;
    border-color: white;
    cursor: pointer;
}

/*Styles the add driver button to change colour when hovered over*/
button:hover
{
    background-color: rgba(255, 0, 0, 0.644);
}

/*List Styling for different elements*/
/*Styles the list items*/
li
```

```
{
    margin: 0 auto;
    margin-top: 15px;
    width: 60%;
    padding: 10px 10px;
    text-align: center;
    background-color: rgb(34, 33, 33);
    border-width: 3px;
    border-color: white;
    border-style:solid;
    border-radius: 25px;
    color: red;
    font-size: 23px;
    position: relative;
}
ol li::before
{
    color: white;
    display: inline-block;
}
/*Styling for first place driver*/
#one
{
    /*https://pixabay.com/illustrations/union-jack-british-flag-uk-english-1027898/ */
    list-style-image: url("../Images/UK-min.jpg");
    width: 80%;
    font-size: 30px;
    color: black;
    background-color: white;
    border-color: red;
    border-style:solid;
    border-radius: 25px;
}
#one span
{
    color:red;
```

```
}
#two
{
    /*https://pixabay.com/vectors/germany-flag-nationality-country-31017/ */
    list-style-image: url("../Images/german-min.jpg");
}
#three
{
    /*https://pixabay.com/vectors/spain-flag-national-flag-nation-162428*/
    list-style-image: url("../Images/spain-min.jpg");
}
#four, #five
{
    /*https://pixabay.com/vectors/finland-flag-national-flag-nation-162294/ */
    list-style-image: url("../Images/finland-min.jpg");
}
/*Makes the list disappear on page load*/
#two, #three, #four, #five
{
    visibility:hidden;
}

/*Inside container styling and background */
#container
{
    /*Size and positioning of container*/
    margin: 0 auto;
    margin-top: 10px;
    margin-bottom: 0px;
    padding-top: 25px;
    width:1000px;
    height: 100%;
    background-repeat: no-repeat;
    /*https://pixabay.com/photos/charles-leclerc-formula-one-race-6633966*/
    /*Styling of container border */
}
```



```
/*Colour choice for the outside border area */
/*Source: https://cssgradient.io/ */
body
{
    /*Overlays a white to red vertical gradient over background image*/
    background-image: linear-gradient(0deg, rgba(253,45,45,1) 10%, rgba(255,255,255,1) 100%),
url(../Images/background-min.jpeg);
    background-blend-mode: overlay;
    background-repeat: no-repeat, no-repeat;
    background-size: 100% 160%, cover;
    background-position: center;
}

/*Styles the overall form container*/
#dataform
{
    background-color: rgb(34, 33, 33);
    color: white;
    width: 80%;
    margin: 0 auto;
    margin-bottom: 20px;
    text-align: center;
    padding: 20px 20px;
    border-radius: 25px;
    border-width: 3px;
    border-color: white;
    border-style:solid;
    display:none;
}

/*Styles in the input boxes */
input[type=text], select
{
    width: 25%;
    padding: 12px 25px;
    margin: 8px 0;
    display: inline-block;
```

```
border: 1px solid #ccc;
border-radius: 4px;
box-sizing: border-box;
}
/*Style for the submit button*/
input[type=submit]
{
width:25%;
background-color: red;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;
}
/*Changes the color when the submit button is hovered over*/
input[type=submit]:hover
{
background-color: rgba(255, 0, 0, 0.644);
}
```

## jQuery

**Source code:**

```
$('#submit').click(function(evt) {
    evt.stopImmediatePropagation();
    // stop the natural HTML FORM submit
    error = false;
    // assume there are no errors and then
    prepare to check
    $(".error").hide();
});
```

**HTML:**

```
<!-- HTML generated using hilite.me --><div
style="background: #ffffff;
overflow:auto;width:auto;border:solid
gray;border-width:.1em .1em .1em
.8em;padding:.2em .6em;"><table>
<tr><td><pre style="margin: 0; line-height:
125%"> 1
?
```

Language: JavaScript Style: colorful ☒ Line numbers

*JavaScript selected WITH line numbers with Preview copied and pasted as text*

```
1 //On load the website hides the list items (after the first) and form and uses animation to reposition them off
2 screen
3 $(document).ready(function(){
4     $("#two, #three, #four, #five").animate({
5         right: "2000px",
6     });
7 });
8 //On click the list is set to show and then animates by sliding in from the left side of the screen in original
9 position
10 $("#container").click(function(){
11     $("#two").css({"visibility": "visible"});
12     $("#two").animate({
13         right: "0px",
14     });
15     $("#container").click(function(){
16         $("#three").css({"visibility": "visible"});
17         $("#three").animate({
18             right: "-20px",
19         });
20     });
21     $("#container").click(function(){
22         $("#four").css({"visibility": "visible"});
23         $("#four").animate({
```

```
23         right: "-40px",
24     });
25     $("#container").click(function(){
26         $("#five").css({"visibility": "visible"});
27         $("#five").animate({
28             right: "-60px",
29         });
30     });
31 });
32 });
33 });
34 //Add driver button reveals data form through a toggle reveal
35 $(".adddriver").click(function(){
36     $("#dataform").toggle(1000)
37     //Sets the focus into the driver name text box when the add driver form appears
38     $("#dname").focus();
39 });
40
41
42 //SUBMIT
43 //Submit button adds form details to list
44 $('#dataform').submit(function(evt) {
45 //Picks up on blank fields and returns them as an error
46     evt.preventDefault();
47     error = false;
48     var name = $("#dname").val();
49     var country = $("#country").val();
50     var team = $("#team").val();
51     var score = $("#score").val();
52
53
54 //VALIDATION
55 //Checks the name to see if it is less than two letters. Allows anything over two letters to allow for names
56 such as "Al" or "Ed".
57 //Outputs an error message if less than two.
58     if (name.length < 2)
```

```
59     {
60         error = true;
61         $("#dname").css("background-color", "rgb(255, 127, 127)");
62     }
63     if (name.length > 15)
64     {
65         error = true;
66         $("#dname").css("background-color", "rgb(255, 127, 127)");
67     }
68 //Checks if the name matches the format which only allows upper and lower case letters
69 //Calls function validName
70     if (!validName(name))
71     {
72         alert ("Name must be more than one letter, less than 15 characters and not contain any numbers.")
73         $("#dname").css("background-color", "rgb(255, 127, 127)");
74         error=true;
75     }
76 //Checks if the score has only numbers from 0-9 with 3 digits and is a positive and returns a true and adds it
77 to the boolean error if it doesn't match
78     if (!validScore(score))
79     {
80         alert ("Score must contain at least three digits eg. 090 and cannot be a negative")
81         $("#score").css("background-color", "rgb(255, 127, 127)");
82         error=true;
83     }
84 //Checks if score is above 250 points which it will output and error
85     if (score > 250)
86     {
87         alert ("Score can not be above 250 points")
88         $("#score").css("background-color", "rgb(255, 127, 127)");
89         error = true;
90     }
91 //If any errors in the data validation, outputs and allert to the user to declare that the input has issues
92 won't be added
93     if (error)
94         alert("Issues inputting data. Please try again.");
```

```
95     else
96         $("ol").append('<li id = "six"><span>' + name + '</span> - ' + team + ' - <span>' + country + '</span> - '
97 + score + ' Points</li>');
98         $("#six").animate({
99             right: "-80px",
100         });
101     //Function to check if name only has letters
102     function validName(inputtxt) {
103         var nameFormat = /^[a-z A-Z]+$/;
104         if(inputtxt.match(nameFormat))
105         {
106             return true
107         }
108         else
109         {
110             return false
111         }
112     }
113 //Function to check if the score contains only numbers from 1-9 and only has 3 figures
114 function validScore(inputtxt) {
115     var scoreFormat = /^[0-9]{3}$/;
116     if(inputtxt.match(scoreFormat))
117     {
118         return true
119     }
120     else
121     {
122         return false
123     }
124 }
125 }
126 }
127 }
128 }
129 }
130 }
131 }
132 }
133 }
134 }
135 }
136 }
137 }
138 }
139 }
140 }
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178 }
179 }
180 }
181 }
182 }
183 }
184 }
185 }
186 }
187 }
188 }
189 }
190 }
191 }
192 }
193 }
194 }
195 }
196 }
197 }
198 }
199 }
200 }
```

W3C Validation Report on LeaderBoard html file using: <https://validator.w3.org/nu/#file>

Validate by URI   Validate by File Upload   Validate by Direct Input

Validate by File Upload

Upload a document for validation:

File:  index.html

▼ More Options

Character Encoding: (detect automatically) ☐ Only if missing

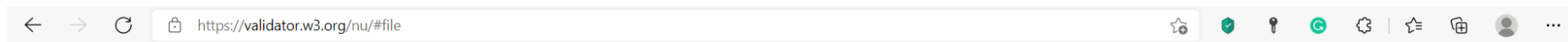
Document Type: (detect automatically) ☐ Only if missing

☒ List Messages Sequentially   ☐ Group Error Messages by Type

☐ Show Source   ☐ Clean up Markup with HTML-Tidy

☐ Show Outline   ☐ Validate error pages   ☒ Verbose Output

*Verbose Output selected*



## Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

### Showing results for Assignment.html

#### Checker Input

Show ☐ source   ☐ outline   ☐ image report  

Check by   No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

**Document checking completed. No errors or warnings to show.**

Used the HTML parser.

Total execution time 10 milliseconds.

## Sources

CC SEARCH

BACKGROUND - /\*<https://pixabay.com/photos/charles-leclerc-formula-one-race-6633966/>\*/

GERMAN FLAG - /\*<https://pixabay.com/vectors/germany-flag-nationality-country-31017/> \*/

SPAIN FLAG - /\*<https://pixabay.com/vectors/spain-flag-national-flag-nation-162428/>\*/

FINISH FLAG - /\*<https://pixabay.com/vectors/finland-flag-national-flag-nation-162294/> \*/

UK FLAG - /\*<https://pixabay.com/illustrations/union-jack-british-flag-uk-english-1027898/> \*/

BACKGROUND GRADIENT - /\*Source: <https://cssgradient.io/> \*/

ICON - <!--Link to Icon - Found on [Favicon.org](https://Favicon.org/)-->