

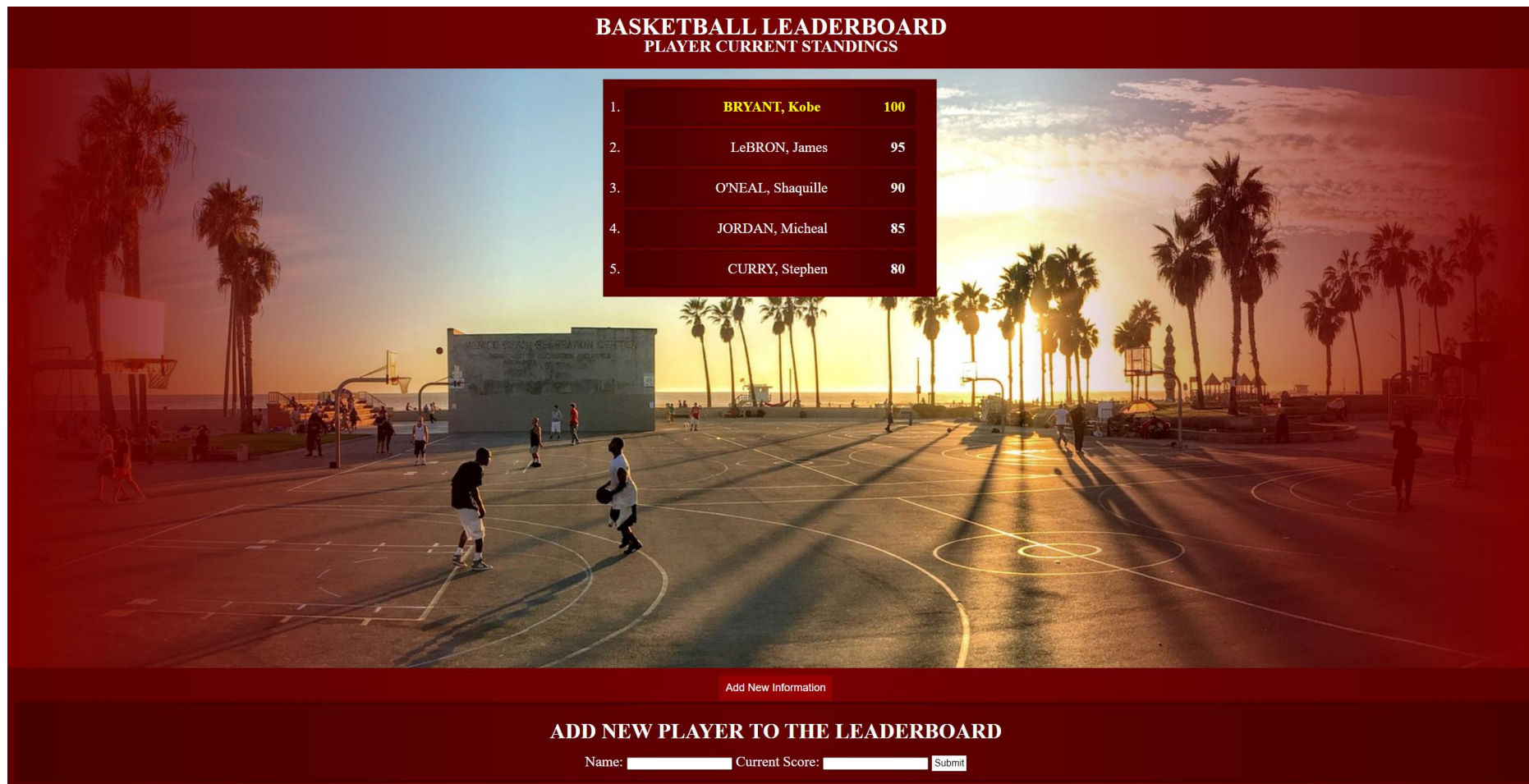
BASKETBALL LEADERBOARD
PLAYER CURRENT STANDINGS

1.	BRYANT, Kobe	100
2.	LeBRON, James	95
3.	O'NEAL, Shaquille	90
4.	JORDAN, Micheal	85
5.	CURRY, Stephen	80






Add New Information



ADD NEW PLAYER TO THE LEADERBOARD

Name: Current Score:



Sample screenshot of LeaderBoard

Name	Date modified	Type	Size
 css	02/11/2021 14:56	File folder	
 favicon_io	02/11/2021 14:59	File folder	
 images	02/11/2021 14:59	File folder	
 js	02/11/2021 14:56	File folder	
 index	04/11/2021 19:46	Chrome HTML Do...	3 KB

Name	Date	Type	Size	Tags
 background	01/11/2021 11:31	JPG File	509 KB	
 background-min	01/11/2021 11:31	JPG File	356 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>COM109 Interactive Web Authoring | Assignment 1 | Basketball Leaderboard </title>
  <link rel="stylesheet" type="text/css" href="css/stylesheet.css">

  <link rel="apple-touch-icon" sizes="180x180" href="favicon_io/apple-touch-icon.png">
  <link rel="icon" type="image/png" sizes="32x32" href="favicon_io/favicon-32x32.png">
  <link rel="icon" type="image/png" sizes="16x16" href="favicon_io/favicon-16x16.png">
  <link rel="manifest" href="favicon_io/site.webmanifest">
</head>

<body>
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
<script src="js/app.js"></script>

<header id="topHeading">
  <h1> BASKETBALL LEADERBOARD</h1>
  <h2> PLAYER CURRENT STANDINGS</h2>
</header><br>

<ol id="olItem">
  <li class="liItem" id="li1">
    <span class="pNameLeader">BRYANT, Kobe</span>
    <span class="pScoreLeader">100</span>
  </li>

  <li class="liItem" id="li2">
    <span class="pName">LeBRON, James</span>
    <span class="pScore">95</span>
  </li>

  <li class="liItem" id="li3">
    <span class="pName">O'NEAL, Shaquille</span>
    <span class="pScore">90</span>
  </li>

  <li class="liItem" id="li4">
    <span class="pName">JORDAN, Micheal</span>
    <span class="pScore">85</span>
  </li>

  <li class="liItem" id="li5">
    <span class="pName">CURRY, Stephen</span>
    <span class="pScore">80</span>
  </li>
</ol>
```

```
<footer id="footer">
  <input type="button" id="btnNewInformation" value="Add New Information">
  <fieldset id="footerFieldset">
    <h3>ADD NEW PLAYER TO THE LEADERBOARD</h3>
    <form name="form">
      <label for="addName">Name: </label>
      <input name="addName" id="addName" type="text">
      <span class="error" id="nameError">Minimum of 4 Characters Required.</span>
      <label for="addScore">Current Score: </label>
      <input name="addScore" id="addScore" type="text">
      <span class="error" id="scoreError">Must be a number within the range 0 to 100.</span>
      <input type="button" id="btnSubmit" value="Submit">
    </form>
  </fieldset>
</footer>
</body>
</html>
```

CSS



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

```
@charset "UTF-8";

/* HEADER DESIGN */
#topHeading {
  /* For Safari */
  background: -webkit-linear-gradient(left, rgb(90, 0, 0), rgb(120, 0, 1), rgb(90, 0, 0));
  /* For Internet Explorer*/
  background: -ms-linear-gradient(left, rgb(90, 0, 0), rgb(120, 0, 1), rgb(90, 0, 0));
  /* Standard Syntax */
  background: linear-gradient(to right, rgb(90, 0, 0), rgb(120, 0, 1), rgb(90, 0, 0));
  padding: 2px;
  height: 100px;
  width: 100%;
}

h1, h2 {
  margin: 0.6em 0;
  text-align: center;
  color: white;
}

h1 {
  font-size: 2.5em;
  line-height: 0.4;
```

```
}

h2 {
    font-size: 1.75em;
    line-height: 0.1;
}

/* BACKGROUND DESIGN */

body {
    /* For Safari */
    background: -webkit-linear-gradient(left, rgb(120, 0, 0), rgba(120, 0, 0, 0), rgba(120, 0, 0, 0), rgba(120, 0, 0, 1)), url("../images/background.jpg");
    /* For Internet Explorer*/
    background: -ms-linear-gradient(left, rgb(120, 0, 0), rgba(120, 0, 0, 0), rgba(120, 0, 0, 0), rgba(120, 0, 0, 1)), url("../images/background.jpg");
    /* Standard Syntax */
    background: linear-gradient(to right, rgb(120, 0, 0), rgba(120, 0, 0, 0), rgba(120, 0, 0, 0), rgba(120, 0, 0, 1)), url("../images/background.jpg");
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: cover;
    margin: 0;
}

/* LEADERBOARD DESIGN */

#olItem {
    /* For Safari */
    background: -webkit-linear-gradient(left, rgb(90, 0, 0), rgb(120, 0, 1), rgb(90, 0, 0));
    /* For Internet Explorer*/
    background: -ms-linear-gradient(left, rgb(90, 0, 0), rgb(120, 0, 1), rgb(90, 0, 0));
    /* Standard Syntax */
    background: linear-gradient(to right, rgb(90, 0, 0), rgb(120, 0, 1), rgb(90, 0, 0));
    width: 500px;
    padding: 10px 30px;
```

```
    font-size: 1.5em;
    text-align: right;
    color: white;
    margin: auto;
}

.liItem {
    /* For Safari */
    background: -webkit-linear-gradient(left, rgb(70, 0, 0), rgb(100, 0, 1), rgb(70, 0, 0));
    /* For Internet Explorer */
    background: -ms-linear-gradient(left, rgb(70, 0, 0), rgb(100, 0, 1), rgb(70, 0, 0));
    /* Standard Syntax */
    background: linear-gradient(to right, rgb(70, 0, 0), rgb(100, 0, 1), rgb(70, 0, 0));
    border: 3px rgb(70, 0, 0) solid;
    margin: 5px;
    padding: 15px;
}

.pName {
    margin: 100px;
}

.pScore {
    font-weight: bold;
}

.pNameLeader {
    color: yellow;
    margin: 100px;
    font-weight: bolder;
}

.pScoreLeader {
    color: yellow;
    font-weight: bolder;
}
```



```
/* FOOTER DESIGN */
#footer {
  /* For Safari */
  background: -webkit-linear-gradient(left, rgb(90, 0, 0), rgb(120, 0, 1), rgb(90, 0, 0));
  /* For Internet Explorer*/
  background: -ms-linear-gradient(left, rgb(90, 0, 0), rgb(120, 0, 1), rgb(90, 0, 0));
  /* Standard Syntax */
  background: linear-gradient(to right, rgb(90, 0, 0), rgb(120, 0, 1), rgb(90, 0, 0));
  padding: 10px;
  position: fixed;
  bottom: 0;
  width: 100%;
  text-align: center;
}

h3 {
  font-size: 1.5em;
  text-align: center;
  line-height: 0.1;
  color: white;
}

#footerFieldset {
  /* For Safari */
  background: -webkit-linear-gradient(left, rgb(70, 0, 0), rgb(100, 0, 1), rgb(70, 0, 0));
  /* For Internet Explorer*/
  background: -ms-linear-gradient(left, rgb(70, 0, 0), rgb(100, 0, 1), rgb(70, 0, 0));
  /* Standard Syntax */
  background: linear-gradient(to right, rgb(70, 0, 0), rgb(100, 0, 1), rgb(70, 0, 0));
  border: 4px rgb(70, 0, 0) solid;
  color: white;
  width: auto;
  font-size: 1.5em;
}
```

```
.error {  
    color: red;  
    font-size: 0.75em;  
}  
  
/* Submit Button */  
  
#btnSubmit {  
    background-color: white;  
    border: none;  
    color: black;  
    padding: 4px 4px ;  
    text-align: center;  
    font-size: 16px;  
    transition-duration: 0.2s;  
}  
  
#btnSubmit:hover {  
    background-color: lightgray;  
}  
  
#btnSubmit:active {  
    background-color: gray;  
    color: white;  
}  
  
/* Add New Information Button */  
  
#btnNewInformation {  
    background-color: rgb(150, 0, 0);  
    border: double rgb(110, 0, 0);  
    color: white;  
    padding: 10px 10px ;  
    text-align: center;  
    font-size: 18px;  
    transition-duration: 0.2s;
```

```
}  
  
#btnNewInformation:hover {  
    background-color: rgb(200, 0, 0);  
    color: white;  
}  
  
#btnNewInformation:active {  
    background-color: white;  
    color: black;  
}
```

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

```
$(document).ready(function() {  
  
    /* Leaderboard Animation */  
    $('#li1').css('opacity', '0')  
    $('#li2').css('opacity', '0')  
    $('#li3').css('opacity', '0')  
    $('#li4').css('opacity', '0')  
    $('#li5').css('opacity', '0')  
  
    $('#nameError').hide()  
    $('#scoreError').hide()  
  
    var currentLi = 1  
  
    $('body').click(function() {  
        $('#li'+currentLi).animate({  
            opacity: "1"  
        });  
        currentLi += 1  
    });  
});
```

```
/* Toggle New Information */
$('#footerFieldset').hide()
$('#btnNewInformation').click(function() {
    $('#footerFieldset').toggle({
        opacity: "1"
    });
});

/* Add New Item To List */

$('#btnSubmit').click(function() {
    $('#nameError').hide()
    $('#scoreError').hide()

    var Name = $('#addName').val()
    var Score = $('#addScore').val()

    var error = false;

    var newLi = 6

    if(Name.length < 4) {
        $('#nameError').show()
        error = true;
    }

    if(Score < 0 || Score > 100) {
        $('#scoreError').show()
        error = true;
    }

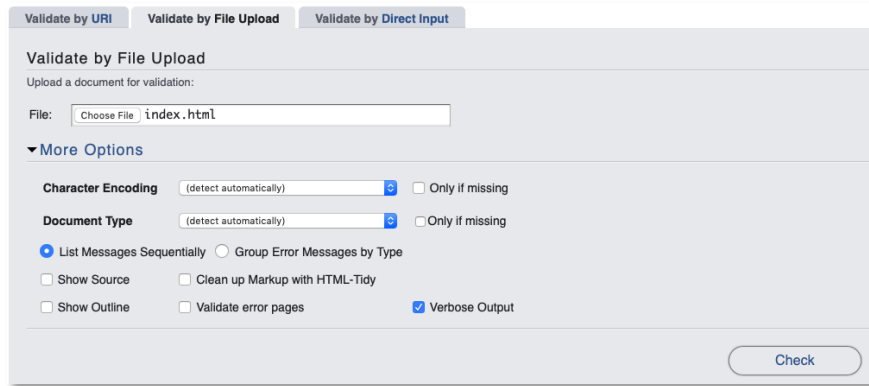
    if(isNaN(Score)) {
        $('#scoreError').show()
        error = true;
    }
}
```

```
    if(error) {
        alert('Error! Please check the information you have entered is valid.')
    }
    else {
        $('#olItem').append('<li class="liItem" id="li' + newLi + '">' + '<span class="pName">' + Name +
'</span>' + '<span class="pScore">' + Score + '</span>' + '</li>')

        $('#li1').css('opacity','1')
        $('#li2').css('opacity','1')
        $('#li3').css('opacity','1')
        $('#li4').css('opacity','1')
        $('#li5').css('opacity','1')

        newLi += 1
    }
});
});
```

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



The screenshot shows the W3C Validator interface for file upload. At the top, there are three tabs: 'Validate by URI', 'Validate by File Upload' (which is active), and 'Validate by Direct Input'. Below the tabs, the text 'Validate by File Upload' is displayed. Underneath, it says 'Upload a document for validation:'. A file input field shows 'File: Choose File index.html'. Below this is a section titled 'More Options' with a dropdown arrow. Inside this section, there are several settings: 'Character Encoding' is set to '(detect automatically)' with a dropdown arrow and a checkbox 'Only if missing'; 'Document Type' is also set to '(detect automatically)' with a dropdown arrow and a checkbox 'Only if missing'; 'List Messages Sequentially' is selected with a radio button, while 'Group Error Messages by Type' is unselected; 'Show Source' is unselected; 'Clean up Markup with HTML-Tidy' is unselected; 'Show Outline' is unselected; 'Validate error pages' is unselected; and 'Verbose Output' is selected with a checked checkbox. At the bottom right of the options section is a 'Check' button.

Verbose Output selected

Document checking completed. No errors or warnings to show.

Sources

<favicon created using: <https://favicon.io/>>
<background and icon images from: <https://pixabay.com/>>
<background image compressed using: <https://compressjpeg.com/>>