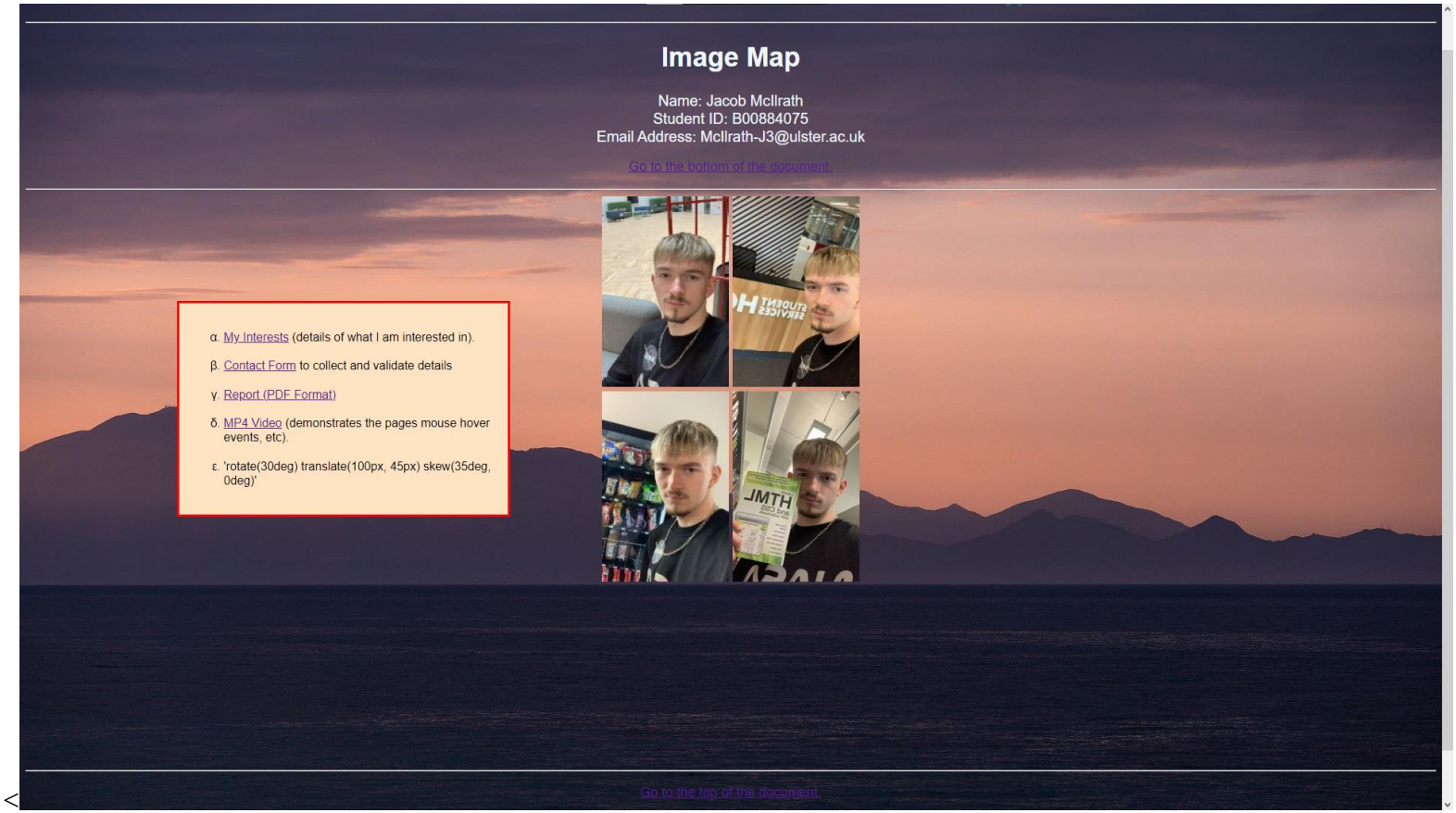
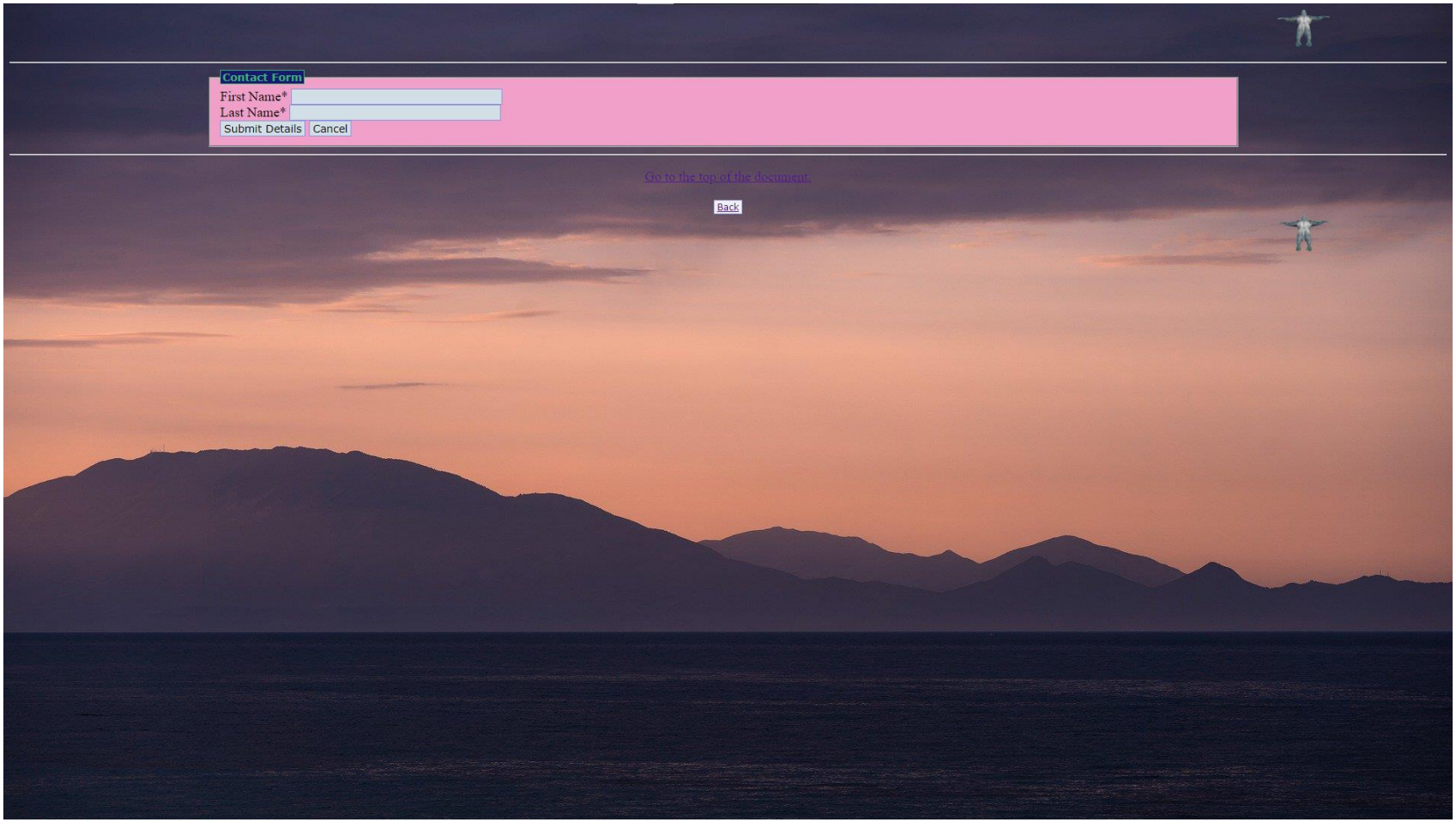
Student ID: B00884075
Name: Jacob McIlrath

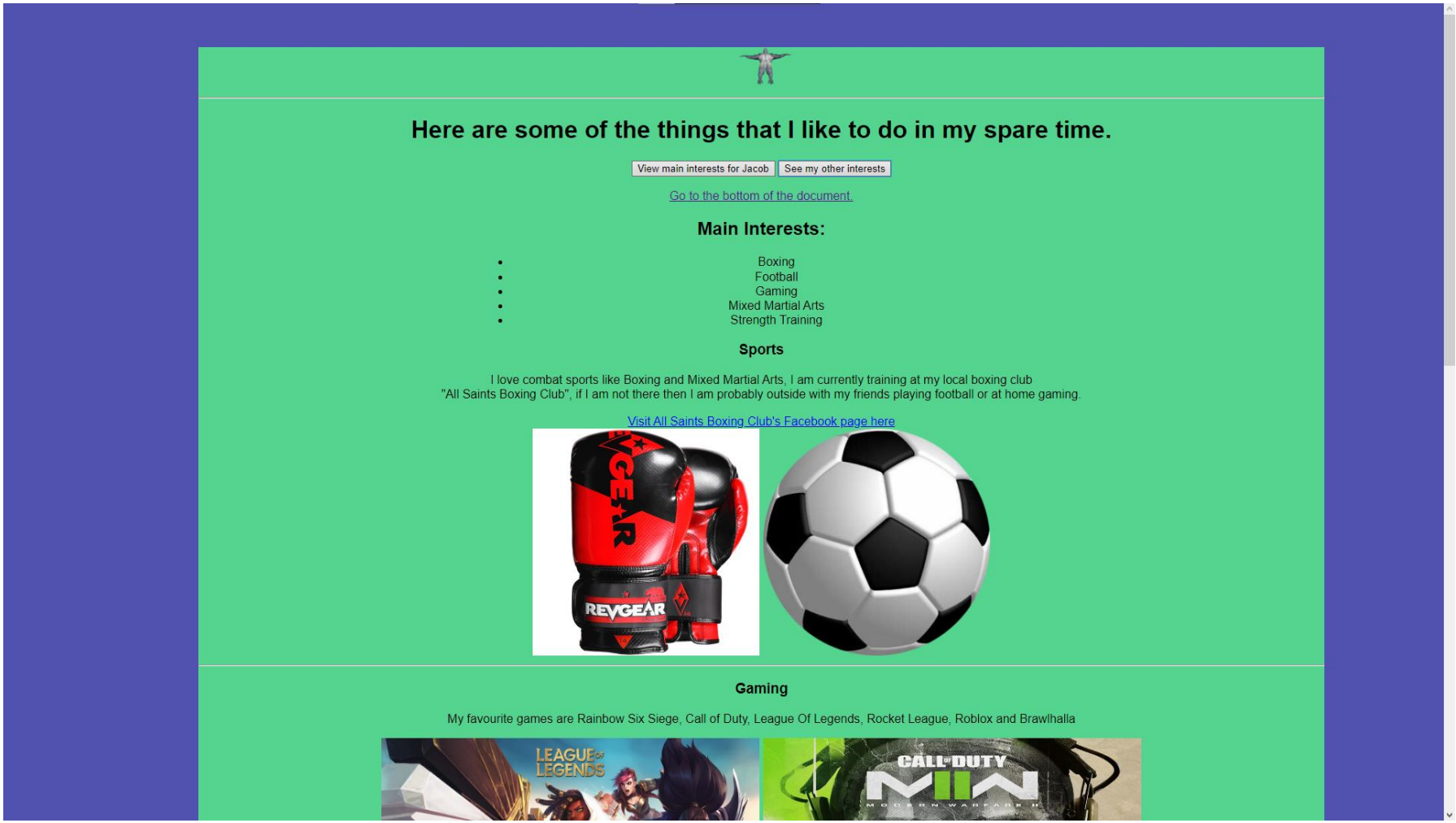


COM109 Interactive Web Authoring Assignment 1 Report

Student ID: B00884075
Name: Jacob McIlrath



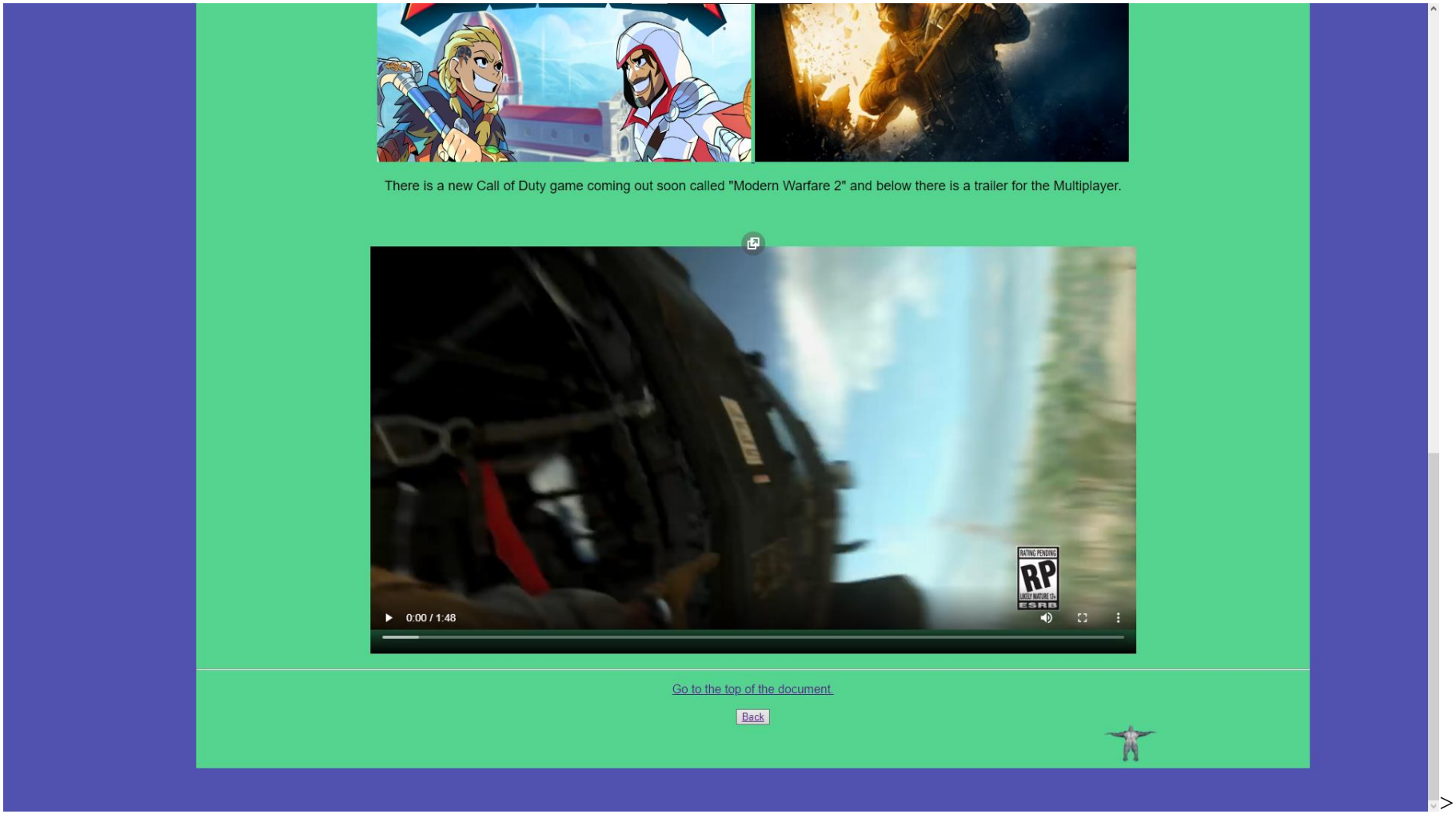
Student ID: B00884075
Name: Jacob McIlrath



Student ID: B00884075
Name: Jacob McIlrath

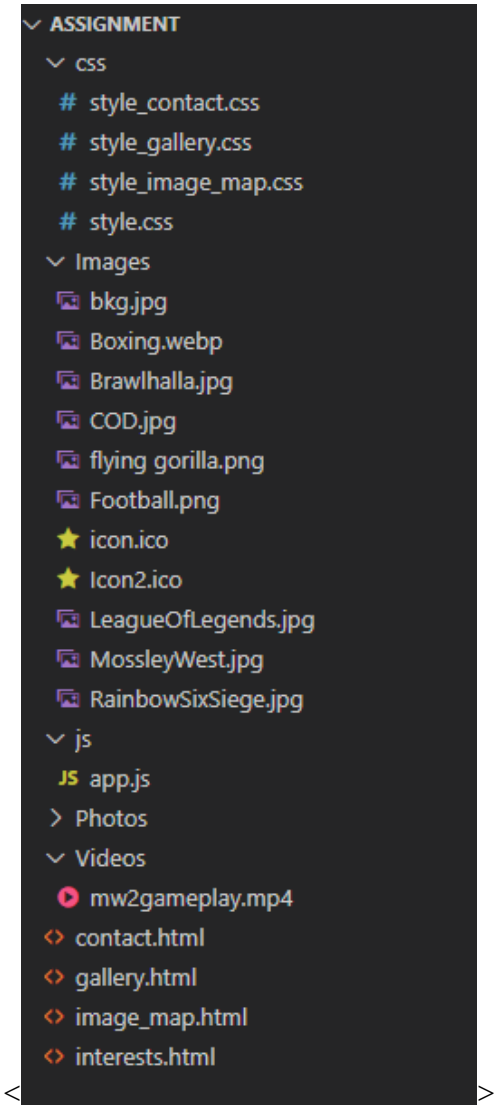
There is a new Call of Duty game coming out soon called "Modern Warfare 2" and below there is a trailer for the Multiplayer.

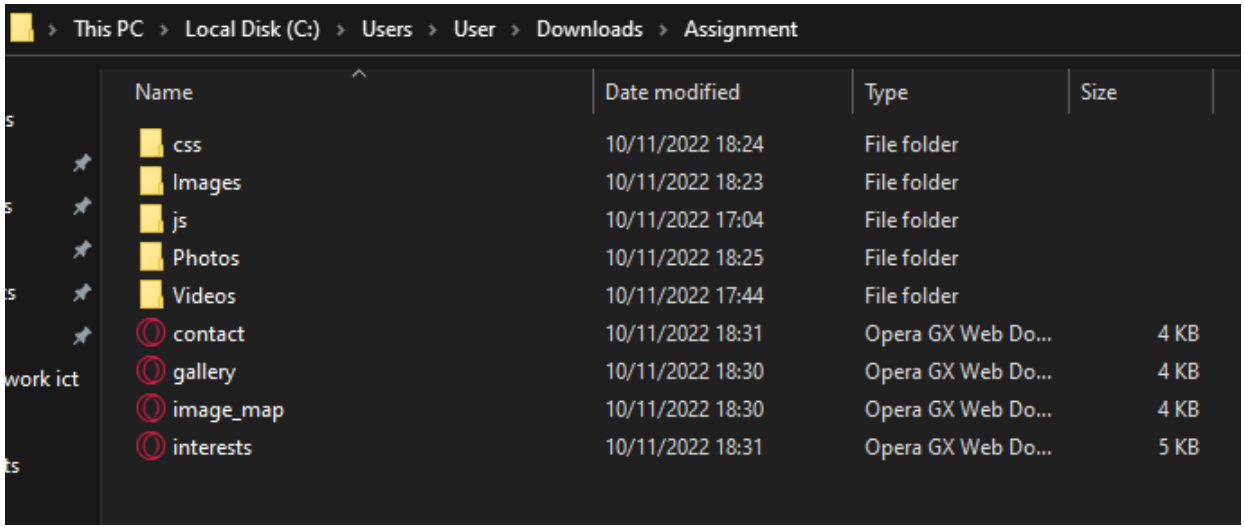
Student ID: B00884075
Name: Jacob McIlrath



Sample screenshots of image_map.html, contact.html & interests.html

Student ID: B00884075
Name: Jacob McIlrath



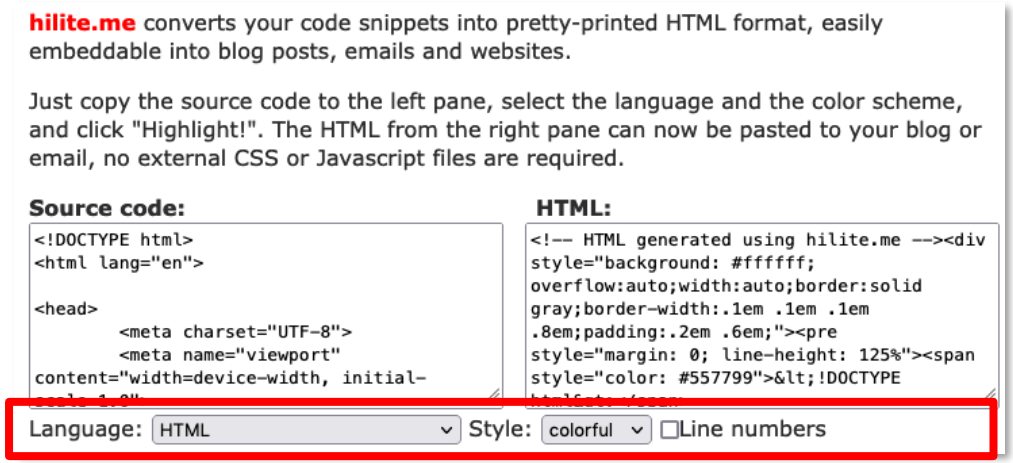


Sample folder structure for all COM109 Assignment 1 work with clear identification for the image folders for the file sizes for pictures

Student ID: B00884075
Name: Jacob McIlrath

Code for image_map.html, followed by contact.html and then interests.html using the Preview in http://hilite.me
HTML

(Sample input to create the output required)



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

```
<<!DOCTYPE html>
<html lang="en">
    <head>
        <link href = "Images/icon2.ico" rel = "SHORTCUT ICON" type = "image/x-icon">
        <link rel="stylesheet" href = "css/style_image_map.css">
        <meta charset="UTF-8">
        <title>
            Image Map
        </title>

    </head>
    <body>

        <div class = "flyinggolira">
```

```
            <marquee behaviour = "scroll" direction = "left" scrollamount = "15">

                <img src = "Images/flying gorilla.png" height = 50px width = 70px>

            </marquee>

        </div>
            <hr>


            <h1>Image Map</h1>

<!-- Details-->

        <div class = "details">

            <a id ="top">Name: Jacob McIlrath</a>
            <br>
            <a>Student ID: B00884075</a>
            <br>
            <a>Email Address: McIlrath-J3@ulster.ac.uk</a>

        </div>

            <p> <a href = "#bottom" title = "Bottom of document"> Go to the bottom of the document. </a> </p>


            <hr>


        <div class = "hyperlinks">

            <ol>

            <li> <a href = "./interests.html">My Interests</a> <a>(details of what I am interested in).</a> </li>
            <br>
```

```
            <li> <a href = "./contact.html">Contact Form</a> <a>to collect and validate details</a> </li>
            <br>
            <li> <a href = "">Report (PDF Format)</a></li>
            <br>
            <li> <a href = "">MP4 Video</a> <a> (demonstrates the pages mouse hover events, etc).</a></li>
            <br>
            <li> <a> 'rotate(30deg) translate(100px, 45px) skew(35deg, 0deg)' </a></li>

            </ol>

        </div>


        <div class = "images">


            <img src = "Photos/LAB 1 (29-09-2022)/Soft Seating Area 2 Compressed.jpg" id = "SSA2" alt = "Soft
Seating Area 2" width = "170" height = "255" title = "Soft Seating Area 2">

            <img src = "Photos/LAB 1 (29-09-2022)/Student Services HQ Compressed.jpg" id = "HQ" alt = "Student
Services HQ" width = "170" height = "255" title = "Student Services HQ">

            <br>

            <img src = "Photos/LAB 1 (29-09-2022)/Vending Machine Compressed.jpg" id = "VEND" alt = "Vending
Machine" width = "170" height = "255" title = "Vending Machine">

            <img src = "Photos/LAB 1 (29-09-2022)/HTML Book Compressed.jpg" id = "HTML" alt = "HTML Book" width =
"170" height = "255" title = "HTML Book">

        </div>

                    <br>
                    <br>
                    <br>
                    <br>
```

Student ID: B00884075
Name: Jacob McIlrath

```
                    <br>
                    <br>
                    <br>
                    <br>
                    <br>
                    <br>
                    <br>


                <hr>
        <p id ="bottom"> <a href ="#top" title ="Top of document"> Go to the top of the document.</a> </p>


        <marquee behaviour ="scroll" direction ="left" scrollamount ="15" >

            <img src ="Images/flying gorilla.png" height =50px width =70px>

        </marquee>


        <!-- Java Script Code-->

    <script src ="https://code.jquery.com/jquery-3.6.1.min.js"></script>
    <script src ="js/app.js"></script>

        </body>
</html>
>

<<!DOCTYPE html>
<html lang="en">
    <head>
        <link href ="Images/icon2.ico" rel ="SHORTCUT ICON" type ="image/x-icon">
        <link rel="stylesheet" href ="css/style_contact.css">
        <meta charset="UTF-8">
        <title>
```

Student ID: B00884075
Name: Jacob McIlrath

```
            Feedback
        </title>

    </head>
    <body>

        <div class ="flyinggolira">
            <marquee behaviour ="scroll" direction ="left" scrollamount ="15">

                <img src ="Images/flying gorilla.png" height =50px width =70px>

            </marquee>

        </div>

            <hr>



            <form name="course" id="course" action="" method="post" enctype="text/plain" onsubmit="">
                <fieldset>

                <legend style="color:mediumseagreen">Contact Form</legend>

                        <!--Student information-->

                        <label for ="fname">First Name*</label>
                        <input type ="text" name="fname" id="fname" size="30">
                       <br>
                        <label for ="lname">Last Name*</label>
                        <input type ="text" name="lname" id="lname" size="30">
                      <br>
                      <input type ="button" id="submit" value="Submit Details">
                      <input type ="reset" value="Cancel">

                </fieldset>
```

```
            </form>

                <!-- This is where the jQuery should be placed  -->

                <script src = "https://code.jquery.com/jquery-3.6.1.min.js"></script>
                <script>
                    $(document).ready(function () {

                        $("#submit").click(function (){
                            var first_name = $("#fname").val();
                            var last_name = $("#lname").val();

                            $(".error").remove();

                            if (first_name.length < 4) {
                            $("#fname").after("<span class='error'>First name must be atleast 4 characters</span>");
                            } else {
                                if (last_name.length < 5) {
                                    $("#lname").after("<span class='error'>Last name must be atleast 5
characters</span>");
                                } else {
                                    var output ="";
                                output += "Submitting your details " + $(fname).val() + " " + $(lname).val()
                                let result = output.toUpperCase();
                                alert(result)
                                }
                            }
                        });
                    });
                </script>
            <hr>

        <p> <a href = "#top" title = "Top of document"> Go to the top of the document.</a> </p>
        <button><a href = "./image_map.html">Back</a></button>

        <marquee behaviour = "scroll" direction = "left" scrollamount = "15" >
```

Student ID: B00884075
Name: Jacob McIlrath

```
            <img src ="Images/flying gorilla.png" height =50px width =70px>

        </marquee>


        </body>
</html>
>

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

    <head>
        <link href ="Images/icon2.ico" rel ="SHORTCUT ICON" type ="image/x-icon">
        <link rel="stylesheet" href ="css/style.css">
        <meta charset="UTF-8">
        <title>
            Interests for Jacob McIlrath
        </title>

    </head>

    <body>

        <div class ="flyinggolira">
            <marquee behaviour ="scroll" direction ="left" scrollamount ="15">

                <img src ="Images/flying gorilla.png" height =50px width =70px>

            </marquee>
        </div>

            <hr>

            <h1>Here are some of the things that I like to do in my spare time.</h1>
```

Student ID: B00884075
Name: Jacob McIlrath

```
            <form>
                <button type = "button" class = "button1">View main interests for Jacob</button>
                <button type = "button" class = "button2">See my other interests</button>
            </form>

            <p id ="top"> <a href = "#bottom" title = "Bottom of document"> Go to the bottom of the document. </a>
</p>

        <div class = "interests" style = "display:none">
            <h2>Main Interests:</h2>

            <ul>
                <li>Boxing</li>
                <li>Football</li>
                <li>Gaming</li>
                <li>Mixed Martial Arts</li>
                <li>Strength Training</li>
            </ul>
        </div>

            <div class = "Sports" style = "display:none">

                <h3>Sports</h3>

                <p>I love combat sports like Boxing and Mixed Martial Arts, I am currently training
                at my local boxing club
                <br>
                "All Saints Boxing Club", if I am not there then I am
                probably outside with my friends playing football or at home gaming.</p>

                <a href="https://en-gb.facebook.com/people/All-Saints-ABC/100063564067823">Visit All Saints Boxing
Club's Facebook page here</a>

                <br>
```

```
                <img src = "Images/Boxing.webp" alt = "Boxing" width = "300" height = "300" title = "Boxing">

                <img src = "Images/Football.png" alt = "Football" width = "300" height = "300" title = "Football">

            </div>

                <hr>

            <div class = "Games" style = "display:none">

                <h3>Gaming</h3>

                <p>My favourite games are Rainbow Six Siege, Call of Duty, League Of Legends,
                Rocket League, Roblox and Brawlhalla</p>

<!-- Images of games with hyperlinks -->

                <a href = "https://www.leagueoflegends.com/en-gb" target = "_blank">
                <img src = "Images/LeagueOfLegends.jpg" alt = "League of Legends" width = "500" height = "300" title
= "League Of Legends"></a>

                <a href = "https://www.callofduty.com/uk/en" target = "_blank">
                <img src = "Images/COD.jpg" alt = "Call Of Duty" width = "500" height = "300" title = "Call Of Duty
Modern Warfare 2"> </a>

                <br>

                <a href = "https://www.brawlhalla.com" target = "_blank">
                <img src = "Images/Brawlhalla.jpg" alt = "Brawlhalla" width = "500" height = "300" title =
"Brawhalla"> </a>

                <a href = "https://www.ubisoft.com/en-gb/game/rainbow-six/siege" target = "_blank">
                <img src = "Images/RainbowSixSiege.jpg" alt = "Rainbow Six Siege" width = "500" height = "300" title
= "Rainbow Six Siege"></a>

                    <br>
```

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Name: Jacob McIlrath

```
            <div class ="MW2gameplaytext">

                <p>There is a new Call of Duty game coming out soon called "Modern Warfare 2" and below there is a
trailer for the Multiplayer.</p>

            </div>
                    <br>

<!-- Video file of Call of Duty -->

                    <video width ="1024" height ="576" controls>
                        <source src ="Videos/mw2gameplay.mp4" type ="video/mp4">
                    </video>
                </p>

            </div>

                <hr>
        <p id ="bottom"> <a href ="#top" title ="Top of document"> Go to the top of the document.</a> </p>
        <button><a href ="./image_map.html">Back</a></button>



        <marquee behaviour ="scroll" direction ="left" scrollamount ="15" >

            <img src ="Images/flying gorilla.png" height =50px width =70px>

        </marquee>



        <!-- Java Script -->
        <script src ="https://code.jquery.com/jquery-3.6.1.min.js"></script>
```

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Name: Jacob McIlrath

```
        <script>
            $(".button1").click(function(){
                $(".interests").css("display", "block");
            });
            $(".button1").click(function(){
                $(".Sports").css("display", "block");
            });

            $(".button2").click(function(){
                $(".Games").css("display", "block");
            });


        </script>



        </body>
</html>
>
```

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Name: Jacob McIlrath

External CSS used for the three web pages of image_map.html, contact.html & interests.html

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

```
<@charset "UTF-8";

/*First CSS V1.0*/

        body
        {
        font-family: 'Comic Sans MT', Arial, 'Bell MT', 'Gill Sans', 'Gill Sans MT', sans-serif;
        line-height: 1.2;
        text-align: center;
        font-size: large;
        background-image: url(/Images/bkg.jpg);
        background-repeat:no-repeat;
        background-color:antiquewhite;
        color: aliceblue;

}

        .details
        {
        font-size: 20px;


        }
```

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```
        ol
        {
        list-style-type: lower-greek


        }

        .hyperlinks
        {
        position:absolute;
        top: 40%;
        left: 10%;
        width: 400px;
        border: 3px solid rgb(255, 0, 0);
        padding: 20px;
        margin: 20px;
        text-align: left;
        font-size: medium;
        background-color:bisque;
        color: black;

        }
>

<@charset "UTF-8";
/* CSS Document */



body{
    background-image: url(/Images/bkg.jpg);
    text-align: center;
    font-size: large;

}
```

Student ID: B00884075
Name: Jacob McIlrath

```
input {
    font-size: 14px;
    font-style: normal;
    font-family: verdana, sans-serif, arial, helvetica;
    color: black;
    background: #d2dfe7;
    border: #9092DC 1px solid;
    padding-left: 4px;
    padding-right: 4px;
    padding-top: 1px;
    padding-bottom: 1px;
}

button {
    font-size: 12px;
    font-style: normal;
    font-family: verdana, sans-serif, arial, helvetica;
    border: #9092DC 1px solid;
    padding-left: 4px;
    padding-right: 4px;
    padding-top: 1px;
    padding-bottom: 1px;
    cursor: hand;
}

textarea {
    font-size: 14px;
    background: #d2dfe7;
    color: #104c8b;
    font-style: normal;
    font-family: verdana, arial, sans-serif;
    scrollbar-face-color: #9092DC;
    scrollbar-highlight-color: #d2dfe7;
    scrollbar-shadow-color: #d2dfe7;
    scrollbar-arrow-color: #ffff00;
```

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Name: Jacob McIlrath

```
    scrollbar-track-color: #9092DC;
    scrollbar-darkshadow-color: #9092DC;
    scrollbar-base-color: #93E1DE;
    border-style: inset;
    border-width: 1px;
}

  fieldset {
    background-color: #f1a1c9;
    text-align: left;
    position: relative;
    left: 13.75%;
    width: 70%;
    height: auto;
    visibility: visible;
    display: block;
    overflow: hidden;
}

.subset {
    background-color: #d2dfe7;
    width: 50%;
}

  legend {
    font-size: 14px;
    font-style: normal;
    font-weight: bold;
    font-family: verdana, arial, sans-serif;
    color: black;
    border: mediumseagreen 1px solid;
    background-color: midnightblue;
  }
>

<@charset "UTF-8";
```

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Name: Jacob McIlrath

```
/*First CSS V1.0*/

        html
        {
         padding-top: 50px;
         padding-right: 150px;
         padding-bottom: 50px;
         padding-left: 250px;
         background-color:rgb(81, 81, 175);

        }


         body
         {
         font-family: 'Comic Sans MT', Arial, 'Bell MT', 'Gill Sans', 'Gill Sans MT', Calibri, sans-serif;
         line-height: 1.2;
         text-align: center;
         font-size:medium;
         background-color:rgb(84, 212, 142);
         color: black;

         }

         ul
         {
         display:-ms-grid;
         margin-left: 50%;
         transform: translateX(-50%);
         }

         .img{
                 transition: .7 ease-in-out
```

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Name: Jacob McIlrath

```
        }

        .img.hover{
                transform: rotate(360deg);
        }

        .MW2gameplaytext
        {
        font-size:large;


        }

        #bottom
        {
        font-size: medium;
        }

        #top
        {
        font-size: medium;
        }
>
```

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Name: Jacob McIlrath

jQuery – app.js

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

```
<$(document).ready(function() {
    $('#HTML').hover(function() {
        $(this).css(
        {
            'transform'             : 'rotate(30deg) translate(100px, 45px) skew(35deg, 0deg)'
        }
        );
    });

    $('#HQ').hover(function() {
        $(this).css(
        {
            'transform'             : 'rotate(30deg) translate(100px, 45px) skew(35deg, 0deg)'
        }
        );
    });

    $('#SSA2').hover(function() {
        $(this).css(
        {
            'transform'             : 'rotate(30deg) translate(100px, 45px) skew(35deg, 0deg)'
        }
```

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Name: Jacob McIlrath

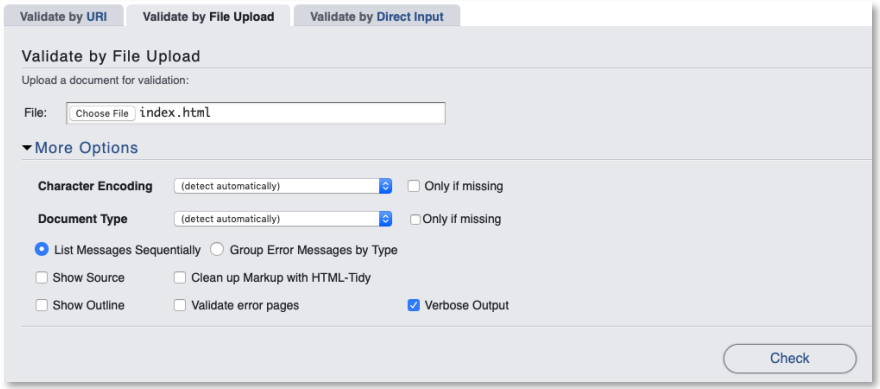
```
        );
    });

    $('#VEND').hover(function() {
        $(this).css(
        {
            'transform'             : 'rotate(30deg) translate(100px, 45px) skew(35deg, 0deg)'
        }
        );
    });
});
>
```

COM109 Interactive Web Authoring Assignment 1 Report

Student ID: B00884075
Name: Jacob McIlrath

W3C Validation Report for interests.html file using: https://validator.w3.org/nu/#file



Verbose Output selected

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Name: Jacob McIlrath

Showing results for interests.html

Checker Input

Show ☐ source ☐ outline ☐ image report Options…

Check by file upload Choose file No file chosen

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

Check

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

1. **Error** Element `marquee` not allowed as child of element `div` in this context. (Suppressing further errors from this subtree.)
   From line 17, column 13; to line 17, column 81
   ```
   <marquee behaviour = "scroll" direction = "left" scrollamount = "15">↩↩
   ```
   Content model for element div:
   If the element is a child of a dl element: one or more dt elements followed by one or more dd elements, optionally intermixed with script-supporting elements.
   If the element is not a child of a dl element: flow content.

2. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.
   From line 19, column 17; to line 19, column 82
   ```
   <img src = "Images/flying gorilla.png" height = 50px width = 70px>↩↩
   ```

3. **Error** No `p` element in scope but a `p` end tag seen.
   From line 107, column 17; to line 107, column 20
   ```
   </p>↩
   ```

4. **Error** The element `a` must not appear as a descendant of the `button` element.
   From line 113, column 17; to line 113, column 45
   ```
   <button><a href = "./image_map.html">Back</
   ```

5. **Error** Element `marquee` not allowed as child of element `body` in this context. (Suppressing further errors from this subtree.)
   From line 117, column 9; to line 117, column 78
   ```
   ↩ <marquee behaviour = "scroll" direction = "left" scrollamount = "15" >↩↩
   ```
   Content model for element body:
   Flow content.

6. **Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.
   From line 119, column 13; to line 119, column 78
   ```
   <img src = "Images/flying gorilla.png" height = 50px width = 70px>↩↩
   ```

<
>

COM109 Interactive Web Authoring Assignment 1 Report

Student ID: B00884075
Name: Jacob McIlrath

Sources

<https://www.w3schools.com
https://www.sean.co.uk
https://stackoverflow.com>