# Digital Skills Lab Assignment

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**GitHub URL:** https://github.com/TheHagueUniversity/skillslab-sprint-2-royaaaa/tree/master/Website

**Direct download link:** http://www.mediafire.com/file/uj6c66m8sa77unv/Website.rar

https://codeload.github.com/TheHagueUniversity/skillslab-sprint-2-royaaaa/zip/master

## Study Log:

At first I started off with what I already know about coding and started to "refresh" my memory by watching Lynda.com tutorials. I already know about the basics of coding so that made it easy for me to follow through the tutorials. However, my knowledge was mainly based on the things I've seen here and there and by watching the tutorial I realized that I needed to pay more attention to what the specific coding all mean so I can give my code a structure and leave out unnecessary things if needed. Afterwards I looked through blogs and template sites to look for a nice layout. I did this to get an idea of where I wanted to go with my site and use the example to see which things on the sites that I wanted to learn how to do so.

- source link (Lynda):

https://www.lynda.com/HTML-tutorials/HTML-Essential-Training/170427-2.html

- what did I intend to learn:

What my achievement with this was first and furthermost refresh my memory with the basics of HTML to see what I already know and what I still need to know and watch the tutorial and see what my 'common' mistakes was making codes.

- how did I implement this in my project:

Through watching the tutorial and participating by writing my own code while watching, I started off making a basic template for my site. This way I can try out trial and error to see where I'm going good and where I need improvements. I then used the basic template I made as a base for my site.

```
4
5    <head>
6
7    <meta charset="UTF-8">
8    <meta name="description" content="Hi">
9    <title> //Title// </title>
10
11   <link rel="stylesheet" type="text/css" href="css.css">
12
13   </head>
14   <body>
15
16   <h1> title header</h1>
17
18   <header>
19       <nav>   <ul> <li> </li>
20               </ul>
21       </nav>
22   </header>
23
24   <main>
25
26
27   </main>
28
29   <!-- pictures .jpg .png or .gif-->
30       <figure>
31           <img alt="Art" src="images/*name*.jpg">
32       </figure>
33
34   <footer>
35   </footer>
36
37
38   </body>
39
40
```

---

- source link (Lynda):

- what did I intend to learn:

What my achievement with this was that I realized that I needed to structure my code better. Knowing basic coding already, I realized that I didn't really know *what* the things I've been writing actually mean. This is why watched on so could get a better understanding. With this part it was about css and linking everything to the html file and how to style your site.

- how did I implement this in my project:

By watching the video I got a more clear understanding of all the names and elements and what they mean and what they actually do. I learned that the CSS is there to style your code and html is writing your code. I always did both in one and this is where I've been going wrong because it could easily mess up everything as it's all in one without any real structure.

I wrote on in my basic template and made a CSS file for layout and styling.

```css
  3
  4
  5   /* basic layout */
  6   body
  7       {
  8       margin: 0px;
  9       padding: 0px;
 10       background-color: #fff; /* or any other hex rgb color or transparent * hex is #000000 rgb(250,215.12) or rgba(212,212,212,0.2)*/
 11       font-family: 'Roboto', sans-serif, 'FontAwesome'; /*basic font of layout */
 12       font-size: 12pt;
 13       color: rgba(0,0,0,.7);
 14       }
 15
 16   /* layout links */
 17   a
 18       {
 19       color: #eb5c59;
 20       text-decoration: none;
 21       }
 22
 23   a:hover
 24       {
 25       color:red;
 26       text-decoration: underline;
 27       letter-spacing: 5px;
 28
 29       /* smoothness of transition */
 30       -moz-transition-duration: 0.6s;
 31       -webkit-transition-duration: 0.6s;
 32       -o-transition-duration: 0.6s;
 33       }
 34
 35   /*titles*/
 36   h1, h2, h3
 37       {
 38       margin: 0;
 39       padding: 0;
 40       color: #404040;
 41       }
 42   nav
 43       {
 44       height: 60px;
 45       }
 46
```

-source link (W3School):

- what did I intend to learn:

What my achievement with this was that I needed to learn the basics of CSS and learn about what the things I'm writing mean. For example I always write margin and padding without really knowing what they do so I needed to get my thoughts in order. Furthermore I intended to learn to 'link' the styling and how to reuse them (div class/id elements) and learnt the difference between 'class' and 'id'.

- how did I implement this in my project:

By learning about what all these coding mean I could structure my website better and implement them on my site. While learning about it, I added the div class and id in my basic template.

```
1   <!DOCTYPE html>
2   <html lang="en">
3
4
5   <head>
6
7   <meta charset="UTF-8">
8   <meta name="description" content="Hi">
9   <title> //Title// </title>
10
11  <link rel="stylesheet" type="text/css" href="css.css">
12
13  </head>
14  <body>
15
16  <h1> title header</h1>
17
18  <header>
19      <nav>   <ul> <li> </li>
20              </ul>
21      </nav>
22  </header>
23
24  <main>
25      |
26  <div id="post" class="content">
27
28  </div>
29
30  </main>
31
32  <!-- pictures .jpg .png or .gif-->
33      <figure>
34          <img alt="Art" src="images/*name*.jpg">
35      </figure>
36
37  </body>
38
```
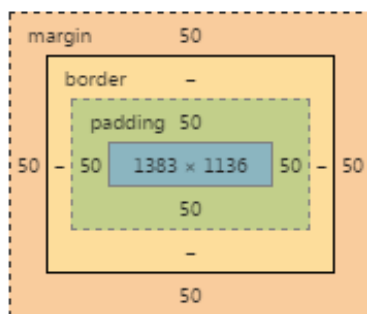
< html

```css
47    nav ul
48    {
49        display: inline-block;
50        padding: 0em 2em;
51        text-align: center;
52    }
53
54    nav li
55    {
56        display: inline-block;
57    }
58
59  main, section, article
60    {
61        overflow: hidden;
62        padding: 0 0em 5 0;
63        background: #fff;
64    }
65
66  article
67    {
68        overflow: hidden;
69        padding: 0 0 5em 5em;
70        background: #fff;
71    }
72  .content
73  {
74      float: left;
75      margin-top:160px;
76      /* etc etc */
77  }
78
79
80
```
< CSS

I implemented the knowledge from this on my site by giving it a structure. Mainly use colors and color schemes and write down the basics by styling the titles, links and body of my site. I also finally learned the difference between margin and padding properties which made it so much easier to style my site. I used margins to generate space around elements (outside border). And the padding properties to generate space around content (inside the element)

- what did I intend to learn:

With this I wanted to learn to define equal styles for elements with the same class name. I already knew about classed and id but never really got the difference this is why I wanted to learn about it so I could implement it in my site so I could the same styling for the elements without having to write new ones for each. "ID" is used to specify a style for a single, unique element. The id selector uses the id attribute of the HTML element, and is usually defined with a "#". The class Selector The class selector is used to specify a style for a group of elements. This allows you to set a particular style for many HTML elements with the same class. The class selector uses the HTML class attribute, and is defined with a "."

- how did I implement this in my project:

Knowing about the difference now I could implement it on my site. By using the id selector I could use the styling for several elements and keep the layout the same without re-writing each sections again and again. It allowed me to set a particular style for many HTML elements with the same class. By using 'class' I was still able to change around the particular elements while they still had the same layout, but it allowed me to customize it.

```css
/* Home page first post */

    #post1
    {
        overflow: hidden;
        width: 700px;
        padding: 6em 100px 0em 100px;
        text-align: center;
    }

    .content
    {
        padding: 0em 8em;
    }

figure {
    margin:0 ;
}
```

```html
<main>
    <div id="post1" class="container">
        <h3>Designing with your mind </h3>

        <p>Art is establishing your ideas. Art is coping with things. Art is letting your imaginations go free.  Art is creativity. <strong>
        Creativity </strong> is exploring and pushing yourself to the max. This all is crucial for one thing: designing. Even as a kid I loved
        exploring art and creativity. When I was 12 years old I was introduced to Photoshop. Now, at 21 I still love using PS and I still love
        learning more amazing things I can do with it. My creativity has helped me a lot whether it was to feel better more secure about
        myself or take my mind off of things. </p> <p>My name is <a href="about.html">Roya</a>, and this website works both as my portfolio
        and my 'escape' place where I can look for inspiration whenever I lose the motivation. Feel free to look through the site.</p>

        <figure>
            <img alt="Art" width="400" height="320" src="images/homepagepic_brain.gif" >
<!-- Original link is here because I don't have any rights to this picture: <img alt="Art" src="https://domypapers.com/blog/wp-
content/uploads/2016/02/good-way-assignment.gif"> -->
        </figure>
<!-- copyright--> <small> Picture source: <a href="https://www.minds.com/blog/view/574825370973384704" title="">Minds.com</a></small>
    </div>
```

- source link:

https://www.w3schools.com/css/css3_multiple_columns.asp
https://css-tricks.com/snippets/css/multiple-columns/
http://stackoverflow.com/questions/10676881/how-to-create-multiple-columns-in-a-div

- what did I intend to learn:

I wanted multiple columns in my code so I could put my portfolio work in it so I looked up tutorials to learn how to do it.

- how did I implement this in my project:
I used all these bases to make my own 'column' box that I could reuse on other pages as well. I first made a div id and defined the sizing and margin/paddings. I then made an id class

box for each column (3) and defined for that the layout as well. By making separate ids for each box, box1, box2, box3 I was able to change the content of the column. On my index page I used basic text with a clickable button. On my portfolio page I used the id for the column and made a class for the each picture (.portpic1 etc.) in the css and using <span class> to add them in the html. On my about me page I used it to add the fa-font. This way I could keep the same layout but still change around the content re-using the id.

```
/* 3 column set for text and portfolio layout */

#three-column
{
    overflow: hidden;
    margin-top: 5em;
    padding-top: 1em;
    border-top: 1px solid rgba(235,92,89,0.5);
    text-align: center;
}

#three-column h2
{
    margin: 1em 0em;
    font-size: 1.6em;
    font-weight: 700;
    border-top: 1px solid rgba(235,92,89,0.5);
}


#three-column #tbox1, #three-column #tbox2, #three-column #tbox3
{
    float: left;
    padding: 80px 40px 80px 40px;
    width: 320px;
}

#three-column .title
{
    text-align: center;
    font-size: 1.5em;
}
```

```
2   <section>
3       <div id="three-column" class="container">
4           <h3> Some of my works </h3>
5           <div id="tbox1"> <span class="portpic1"></span> </div>
6           <div id="tbox2"> <span class="portpic2"></span> </div>
7           <div id="tbox3"> <span class="portpic3"></span> </div>
8           <!--Second Row -->
9           <div id="tbox1"> <span class="portpic4"></span> </div>
0           <div id="tbox2"> <span class="portpic5"></span> </div>
1           <div id="tbox3"> <span class="portpic6"></span> </div>
2
3
4
5   </section>
```

# Some of my works





```
<!DOCTYPE html>
<html lang="en">
    <!-- Inspiration for the layout and design of my site is from Templated.com specific Template called Amaryllis -->
    <head>…</head>
    <body>
        <header>…</header>
        <section> == $0
            <div id="three-column" class="container">
                <h3> Some of my works </h3>
                <div id="tbox1">…</div>
                <div id="tbox2">…</div>
                <div id="tbox3">…</div>
                <!--Second Row -->
                <div id="tbox1">…</div>
                <div id="tbox2">…</div>
                <div id="tbox3">…</div>
            </div>
        </section>
    </body>
</html>
```

**Other sources: Tumblr**

Like mentioned before, I already knew about basics of coding. This was mainly because of Tumblr.com where I've been making my own themes for a while now. But the problem with Tumblr was that it was all in one without making separate css files to structure it better and it also used a lot of outsider sources as well. Tumblr helped me understand coding a lot because it has a live preview where you can experiment around everything while seeing live results on the screen as well. This way you can understand things better and try trial-error. There are also tutorials to be found by fellow students (in our 'language' and not html language) to get a better understanding of it which helped me throughout as well.

Friends and classmates helped a lot as well when I was stuck with something and to ask for feedback.