**MGIS 3320 – Q6**

Create a new html file titled **rwd.html,** along with a new css file titled **rwd.css.** The page should look like this:

Graphical user interface

Description automatically generated with low confidence

|  |  |
| --- | --- |
| Graphical user interface  Description automatically generated with medium confidence |  |

**Requirements**

First, create a new html file titled “**rwd.html**” and a new css file titled “**rwd.css**”.

In the **html** file, include the following:

1. In the blank html file, type ! and press Enter. Notice that the meta tag for the viewport is also automatically included in the head. Be sure to include a link tag for your css file.
2. In the body, add a <**section class="top-nav"**> which includes the following code:

<div>

<p>Your Name</p>

</div>

<input id="menu-toggle" type="checkbox" />

<label class='menu-button-container' for="menu-toggle">

<div class='menu-button'></div>

</label>

1. Then, still in the section, add a <**ul class="menu"**> which includes five <**li**> (i.e., Home, Resume, Projects, Experience, and Contact Me).
   1. The Home <li> includes the class name “current” and links to this rwd.html file.
   2. The Resume <li> links to your resume file in a new tab.
   3. The rest can simply link to #. This concludes the <section>.
2. Add an <**article**> that contains:
   1. An <**h2**> for the text “About Me”
   2. An <**img**> with proper alternative text and title. A wider picture is preferred to notice the responsive effect.
   3. Lorem text about 100 words.
3. Add a <**footer**> with the copyright symbol, your name, and a link to your social media (e.g., LinkedIn). The social media link should open a new tab.

In the **css** file, include:

1. The following code which is necessary for the hamburger menu to work:

html, body {

margin: 0;

height: 100%;

font-size: 100%;

}

\* {

font-family: Verdana, Arial, Helvetica, sans-serif;

box-sizing: border-box;

}

/\*---------------------------------------------------------------\*/

.top-nav {

display: flex;

flex-direction: row;

align-items: center;

justify-content: space-between;

background-color: #00BAF0;

background: linear-gradient(to left, #f46b45, #eea849);

/\* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ \*/

color: #FFF;

height: 3em;

padding: 1em;

}

.menu {

display: flex;

flex-direction: row;

list-style-type: none;

margin: 0;

padding: 0;

}

.menu > li {

margin: 0 1rem;

overflow: hidden;

}

.menu-button-container {

display: none;

height: 100%;

width: 30px;

cursor: pointer;

flex-direction: column;

justify-content: center;

align-items: center;

}

#menu-toggle {

display: none;

}

.menu-button,

.menu-button::before,

.menu-button::after {

display: block;

background-color: #fff;

position: absolute;

height: 4px;

width: 30px;

transition: transform 400ms cubic-bezier(0.23, 1, 0.32, 1);

border-radius: 2px;

}

.menu-button::before {

content: '';

margin-top: -8px;

}

.menu-button::after {

content: '';

margin-top: 8px;

}

#menu-toggle:checked + .menu-button-container .menu-button::before {

margin-top: 0px;

transform: rotate(405deg);

}

#menu-toggle:checked + .menu-button-container .menu-button {

background: rgba(255, 255, 255, 0);

}

#menu-toggle:checked + .menu-button-container .menu-button::after {

margin-top: 0px;

transform: rotate(-405deg);

}

/\*----end of menu\*/

1. Right below the “end of menu”, add the following rules for the links:
   1. For the **section a**, **text-decoration**: none and **color**: white.
   2. For the **.menu a:hover**, **a.current**, **text-decoration**: underline.
2. For the **article**, set **padding**: 0 1em.
3. For the **article h2**, set **font-size**: 1.25em.
4. For the **article p**, set **font-size**: 1em.
5. For the **article img**, set **margin**: auto, **display**: block, **width**: 100%, and **max-width**: 760px.
   1. Note: because an <img> is an inline element, in order for the auto margin to work to center the img on the page, we need to change it to block.
   2. You can change max-width to a proper px based on the native width of your image.
6. For the **footer**, set **border-top**: 2px solid #f46b45, **text-align**: center, and **font-size**: .8em.
7. Then, add following code for the **media query with max-width: 700px**.

.menu-button-container {

display: flex;

}

.menu {

position: absolute;

top: 0;

margin-top: 50px;

left: 0;

flex-direction: column;

width: 100%;

justify-content: center;

align-items: center;

}

#menu-toggle ~ .menu li {

height: 0;

margin: 0;

padding: 0;

border: 0;

transition: height 400ms cubic-bezier(0.23, 1, 0.32, 1);

}

#menu-toggle:checked ~ .menu li {

border: 1px solid #333;

height: 2.5em;

padding: 0.5em;

transition: height 400ms cubic-bezier(0.23, 1, 0.32, 1);

}

.menu > li {

display: flex;

justify-content: center;

margin: 0;

padding: 0.5em 0;

width: 100%;

color: white;

background-color: #222;

}

.menu > li:not(:last-child) {

border-bottom: 1px solid #444;

}

1. For the **article h2**, set **font-size**: 1.1em.
2. For the **article p**, set **font-size**: .8em.
3. For the **footer**, set border-top: 1px solid #f46b45, text-align: center, and font-size: .6em.

**How to submit**

1. Validate your html code at: <https://validator.w3.org/>.
2. Validate your CSS code at: <https://jigsaw.w3.org/css-validator/>.
3. Submit the URL of this exam under Exams on Bb. For example, [https://yourusername.github.io/](https://yourusername.github.io/q1/q1.html)blue.html.
4. Submit the CSS file on Bb.