

Challenges #8:

External CSS and Responsiveness

A. External CSS

HTML

```
Resources.html X
Resources.html > html > body > div.back
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>ComicAtlas</title>
8   <link rel="stylesheet" href="styleresources.css">
9   <link rel="icon" type="image/x-icon" href="favicon.ico">
10  <link rel="preconnect" href="https://fonts.googleapis.com">
11  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
12  <link href="https://fonts.googleapis.com/css2?family=Orbitron&display=swap" rel="stylesheet">
13  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet"
14    integrity="sha384-T3c6CoI16eZ4PrjGg9waT241+j/V0mZ4x+vby37cFxl4Q74nj8xw665MJ17+v3a1f1"
15    crossorigin="anonymous">
16  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"
17    integrity="sha384-G8zsjyvVqKdRwMeT87bh950GlyZPhcTmXj1Nm7RUBCsyU/08j1pcV8Qyq46c0FL" crossorigin="anonymous"></script>
18 </head>
```

The <link> element above that has an attribute *rel* and a value of **stylesheet** and a *href* that has a value of **styleresources.css**, links the HTML file to a External CSS as its stylesheet.

CSS (External)

```
# styleresources.css X
# styleresources.css > ...
1
2 {
3   margin: 0;
4   padding: 0;
5   font-family: "Orbitron";
6   letter-spacing: 2px;
7   box-sizing: border-box;
8 }
9
10 .nav-link{
11   color: white;
12   margin-right: 30px;
13   text-align: center;
14 }
15
16 .navbar-brand img{
17   height: 33px;
18   width: auto;
19 }
20
21 .navbar-toggler-icon{
22   background-image: url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' viewbox='0 0 30 30'%3e%3cpath stroke='rgb%28255, 255, 1929' stroke-linecap='round' stroke-miterlimit='10' stroke-width='2' d='M4 7h22M 15h22M 23h22/%3e%3c%3e");
23 }
24
25 .back{
26   background-color: #96283D;
27   background-size: cover;
28   background-position: center;
29   width: 100%;
30   height: 100%;
31 }
32
33 #Resources {
34   padding: 30px 0 50px 0;
35   position: relative;
36   justify-content: center;
37   align-items: center;
38   display: flex;
39 }
```

B. Responsiveness

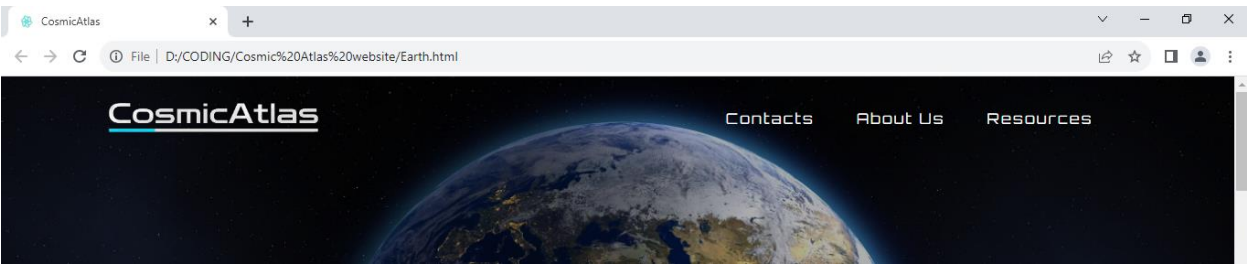
HTML

```
227 <header>
228 <div class="back">
229 <div class="container">
230 <div class="text-light position-absolute top-50 start-50 translate-middle text-center pt-3">
231 <h1 id="welcome" class="text-info">BEGIN EXPLORING</h1>
232 <p>Embark on a cosmic journey with us as we explore the vastness of our very own <span class="text-info"><b> Solar System </b></span>!</p>
233 </div>
234 </div>
235 <nav class="navbar navbar-expand-lg p-4">
236 <div class="container">
237 <a href="Cosmic.html" class="navbar-brand"> </a>
238 <button
239 class="navbar-toggler"
240 type="button"
241 data-bs-toggle="collapse"
242 data-bs-target="#navmenu">
243 <span class="navbar-toggler-icon"></span>
244 </button>
245 <div class="collapse navbar-collapse" id="navmenu">
246 <ul class="navbar-nav ms-auto">
247 <li class="nav-item">
248 <a href="Contacts.html" class="nav-link">Contacts</a>
249 </li>
250 <li class="nav-item">
251 <a href="About Us.html" class="nav-link">About Us</a>
252 </li>
253 <li class="nav-item">
254 <a href="Resources.html" class="nav-link">Resources</a>
255 </li>
256 </ul>
257 </div>
258 </div>
259 </nav>
260 </div>
</header>
```

Bootstrap 5 was utilized at the source code above as a framework CSS and for responsiveness.

When the navigation bar collapses in smaller screens, it toggles an icon for to make the navigation links still visibly arrange in the browser.

Expand



Collapse

