

# INTRODUCTION TO COMPUTING

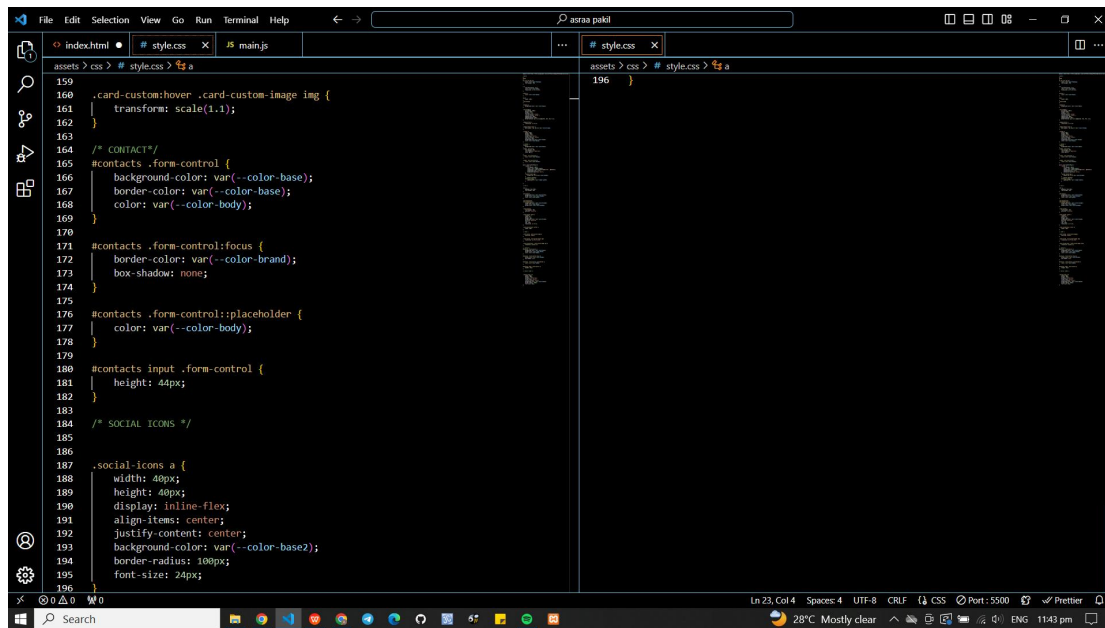
## CHALLENGE #8: External CSS and Responsiveness

### OBJECTIVES:

1. IMPLEMENT EXTERNAL CSS IN YOUR PROJECT.
2. ADD RESPONSIVE IMPLEMENTATION IN THE HEAD TAG.
3. THIS IS PART UNDER THE REPO PROJECT CALLED "INTROToCOMPUTING-CHALLENGES".
4. PUSH THIS IN GITHUB THE DOCUMENTATION IN PDF FORMAT. THE COMMENT OF YOUR COMMIT MUST BE THE TITLE OF THIS ACTIVITY.

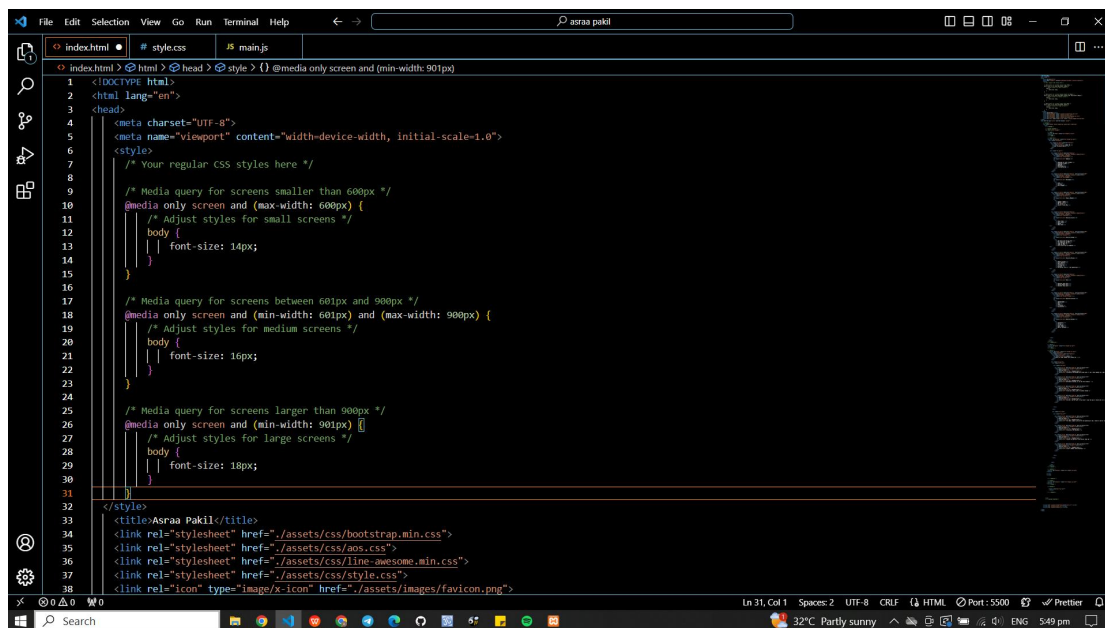
```
12 }
13 > body{...
14 }
15 }
16 h1,h2,h3,h4,h5,h6 {
17 |   color: var(--color-heading);
18 |   font-weight: 700;
19 | }
20 }
21 }
22 }
23 a {
24 |   text-decoration: none;
25 |   color: var(--color-body);
26 |   transition: all 0.4s ease;
27 | }
28 }
29 a: hover {
30 |   color: var(--color-base);
31 | }
32 }
33 img {
34 |   width: 100%;
35 | }
36 > .text-brand{...
37 }
38 }
39 }
40 .bg-base {
41 |   background-color: var(--color-base);
42 | }
43 }
44 .full-height {
45 |   min-height: 100vh;
46 |   height: 100%;
47 |   display: flex;
48 |   flex-direction: column;
49 |   justify-content: center;
50 |   padding-top: 80px;
51 |   padding-bottom: 80px;
52 |   border-bottom: 2px solid #rgba(255, 255, 255, 0.1);
53 | }
54 }
55 .shadow-effect {
56 |   transition: all 0.5s;
57 | }
58 }
59 .shadow-effect: hover {
60 |   box-shadow: -6px 6px 0 0 var(--color-brand);
61 | }
62 }
63 .iconbox {
64 |   width: 60px;
65 |   height: 60px;
66 |   display: flex;
67 |   align-items: center;
68 |   justify-content: center;
69 |   font-size: 32px;
70 |   background-color: var(--color-brand);
71 |   color: var(--color-base);
72 | }
73 }
74 /* NAVBAR */
75 .navbar {
76 |   background-color: var(--color-base);
77 | }
78 .navbar .nav-link {
79 |   font-weight: 700;
80 |   text-transform: uppercase;
81 |   color: #fff;
82 | }
83 }
84 .navbar .nav-link: hover {
85 |   color: var(--color-base2);
86 | }
87 }
88 .navbar .nav-link: active {
89 |   color: var(--color-base2);
90 | }
```

```
86 }
87 }
88 .navbar .nav-link: active {
89 |   color: var(--color-base2);
90 | }
91 }
92 @media (min-width: 992px) {
93 |   .navbar {
94 |     min-height: 100vh;
95 |     width: var(--sidebar-width);
96 |     background: linear-gradient(#231f20, #606055);
97 |     background-size: cover;
98 |     background-position: center;
99 |   }
100 |   .navbar-brand img {
101 |     border: 7px solid var(--color-brand);
102 |   }
103 |   /* CONTENT WRAPPER */
104 |   .content-wrapper {
105 |     padding-left: var(--sidebar-width);
106 |   }
107 | }
108 }
109 }
110 /* BTN */
111 }
112 .btn {
113 |   padding: 12px 28px;
114 |   font-weight: 700;
115 | }
116 }
117 .btn-brand {
118 |   background-color: var(--color-brand);
119 |   border-color: var(--color-brand);
120 |   color: var(--color-base);
121 | }
122 }
123 .btn-brand: hover,
124 .btn-brand: focus {
125 |   background-color: var(--color-brand2);
126 |   color: var(--color-base);
127 |   border-color: var(--color-brand2);
128 | }
129 }
130 .link-custom {
131 |   font-weight: 700;
132 |   position: relative;
133 | }
134 }
135 .link-custom: after {
136 |   content: "";
137 |   width: 0%;
138 |   height: 2px;
139 |   background-color: var(--color-brand);
140 |   position: absolute;
141 |   left: 0;
142 |   top: 110%;
143 |   transition: all 0.4s;
144 | }
145 }
146 .link-custom: hover: after {
147 |   width: 100%;
148 | }
149 }
150 /* CARD */
151 }
152 .card-custom .card-custom-image {
153 |   overflow: hidden;
154 | }
155 }
156 .card-custom .card-custom-image img {
157 |   transition: all 0.4s ease;
158 | }
159 }
```



This screenshot shows the VS Code editor with the `style.css` file open. The code defines styles for a contact form and social icons. The contact form includes a card with a custom hover effect, a form control with a focus state, and a placeholder. The social icons are styled as a list of links with a specific width, height, and background color.

```
159 .card-custom: hover .card-custom-image img {
160 |   transform: scale(1.1);
161 | }
162 }
163
164 /* CONTACT */
165 #contacts .form-control {
166 |   background-color: var(--color-base);
167 |   border-color: var(--color-base);
168 |   color: var(--color-body);
169 | }
170
171 #contacts .form-control: focus {
172 |   border-color: var(--color-brand);
173 |   box-shadow: none;
174 | }
175
176 #contacts .form-control: placeholder {
177 |   color: var(--color-body);
178 | }
179
180 #contacts input .form-control {
181 |   height: 44px;
182 | }
183
184 /* SOCIAL ICONS */
185
186
187 .social-icons a {
188 |   width: 40px;
189 |   height: 40px;
190 |   display: inline-flex;
191 |   align-items: center;
192 |   justify-content: center;
193 |   background-color: var(--color-base2);
194 |   border-radius: 100px;
195 |   font-size: 24px;
196 | }
```



This screenshot shows the VS Code editor with the `index.html` file open. The code defines the HTML structure, including the document type, language, and viewport. It also includes a series of media queries for responsive design, adjusting the font size for different screen widths. The page title is "Asraa Pakil", and the page includes links to Bootstrap, AOS, and the custom CSS and icon files.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 |   <meta charset="UTF-8">
5 |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 |   <style>
7 |     /* Your regular CSS styles here */
8 |
9 |     /* Media query for screens smaller than 600px */
10 |    @media only screen and (max-width: 600px) {
11 |      /* Adjust styles for small screens */
12 |      body {
13 |        font-size: 14px;
14 |      }
15 |    }
16 |
17 |    /* Media query for screens between 601px and 900px */
18 |    @media only screen and (min-width: 601px) and (max-width: 900px) {
19 |      /* Adjust styles for medium screens */
20 |      body {
21 |        font-size: 16px;
22 |      }
23 |    }
24 |
25 |    /* Media query for screens larger than 900px */
26 |    @media only screen and (min-width: 901px) {
27 |      /* Adjust styles for large screens */
28 |      body {
29 |        font-size: 18px;
30 |      }
31 |    }
32 |   </style>
33 |   <title>Asraa Pakil</title>
34 |   <link rel="stylesheet" href="./assets/css/bootstrap.min.css">
35 |   <link rel="stylesheet" href="./assets/css/aos.css">
36 |   <link rel="stylesheet" href="./assets/css/line-awesome.min.css">
37 |   <link rel="stylesheet" href="./assets/css/style.css">
38 |   <link rel="icon" type="image/x-icon" href="./assets/images/favicon.png">
39 </head>
40 <body>
```

<https://github.com/pakilasraa/IntroToComputing-Challenges>