

```

1 /* Assignment 18: CSS Variables*/
2 <!DOCTYPE html>
3 <html>
4   <head>
5     <title> CSS Variables</title>
6     <style>
7       :root{
8         --div-background-color: red;
9         --text-color: black;
10        --div-padding: 10px;
11        --div-margin: 10px;
12      }
13      body{
14        background-color: purple;
15      }
16      .child{
17        background-color: var(--div-background-color);
18        color: var(--text-color);
19      }
20      .one{
21        --div-background-color: blue;
22        --text-color: white;
23      }
24      .one-one{
25        margin: var(--div-margin);
26        padding: var(--div-padding);
27      }
28      .one-two{
29        margin: var(--div-margin);
30        padding: var(--div-padding);
31      }
32      .one-third{
33        margin: var(--div-margin);
34        padding: var(--div-padding);
35      }
36    </style>
37  </head>
38  <body>
39    <div class="one">
40      <div class="one-one child">1.1</div>
41      <div class="one-two child">1.2</div>
42      <div class="one-third child">1.3</div>
43    </div>
44
45    <div class="two">
46      <div class="two-one child">2.1</div>
47      <div class="two-two child">2.2</div>
48      <div class="two-third child">2.3</div>
49    </div>
50
51    <br>
52    <button id="dark-theme-btn">Dark Theme</button>
53    <button id="light-theme-btn">Light Theme</button>
54  </body>
55 </html>

```