

Starting with CSS

Assignment

Assignment Question :

1. Create a simple page with some div tags and show different ways to add CSS as well as what happens when you target the same elements with inline, internal, and external CSS. Also, utilize comments in the project where required.

Answer:

```
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   <title>Assignment</title>
7   <!-- external css added -->
8   <link rel="stylesheet" href="./style.css">
9
10  <!-- internal css -->
11  <style>
12    .internal{
13      color: aqua;
14    }
15    .inline_internal{
16      color: blue;
17    }
18    .internal_external{
19      color: chartreuse;
20    }
21    .inline_internal_external{
22      color: red;
23    }
24  </style>
25
26 </head>
27 <body>
28   <div style="color: red;" >Inline</div>
29   <div class="internal">Internal</div>
30   <div class="external">External</div>
31   <div style="color: blueviolet;" class="inline_internal">Inline_Internal</div>
32   <!-- when inline and internal both css are attached then inline css will prefer! -->
33   <div class="internal_external">Internal_External</div>
34   <!-- when internal and external both css are attached then external css will prefer! -->
35   <div style="color: slategrey;" class="inline_internal_external">Inline + Internal + External</div>
36   <!-- when inline ,internal and external all css are attached then inline css will prefer! -->
37
38
```

Browser output:

Inline

Internal

External

Inline_Internal

Internal_External

Inline + Internal + External

2. Build an HTML page with multiple paragraphs, each assigned a unique class name. Write CSS rules using class selectors to apply distinct styling to each paragraph. Follow the BEM naming convention and explain how you've named the classes.

Answer:

```
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   <title>Assignment 2</title>
7   <style>
8     .container_title{
9       color: red;
10    }
11    .container_disclaimer{
12      color: aqua;
13    }
14    .container_conclution{
15      color: aquamarine;
16    }
17    .main_title{
18      color: blue;
19    }
20    .main_disclaimer{
21      color: #8a2be2;
22    }
23    .main_conclution{
24      color: cadetblue;
25    }
26  </style>
27</head>
28<body>
29  <div class="container">
30    <p class="container_title">This is a title</p>
31    <p class="container_disclaimer">Lorem ipsum dolor sit amet consectetur adipisicing elit. Fugit, laudantium!</p>
32    <p class="container_conclution">Lorem ipsum dolor sit amet consectetur adipisicing elit. Eum?</p>
33  </div>
34  <div class="main">
35    <p class="main_title">This is main title</p>
36    <p class="main_disclaimer">Lorem ipsum dolor, sit amet consectetur adipisicing elit. Nulla, blanditiis?</p>
37    <p class="main_conclution">Lorem ipsum dolor sit amet consectetur adipisicing elit. Delectus?</p>
38  </div>
39</body>
40</html>
```

Browser Output:

This is a title

Lorem ipsum dolor sit amet consectetur adipisicing elit. Fugit, laudantium!

Lorem ipsum dolor sit amet consectetur adipisicing elit. Eum?

This is main title

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Nulla, blanditiis?

Lorem ipsum dolor sit amet consectetur adipisicing elit. Delectus?

3. Develop an HTML form with various input elements. Use CSS to style the form, including setting background colors for input fields. Create a custom color palette for the form elements, and demonstrate how to apply opacity to one of the form sections.

Answer:

```
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   <title>Assignment 3</title>
7   <link rel="stylesheet" href="./style.css">
8 </head>
9 <body>
10   <form>
11     <label for="firstname">First Name:
12       <input type="text" name="firstname" class="firstname" placeholder="Arshlan" required>
13     </label>
14     <br>
15     <label for="lastname">Last Name:
16       <input type="text" name="lastname" class="lastname" placeholder="Ansari" required>
17     </label>
18     <br>
19     <label for="age">Age:
20       <input type="number" name="age" id="email" class="age" placeholder="22" required>
21     </label>
22     <br>
23     <label for="email">Email:
24       <input type="email" name="email" id="email" class="email" placeholder="*****@gamil.com" required>
25     </label>
26     <br>
27     <label for="password">Password:
28       <input type="password" name="password" id="password" class="password" placeholder="*****" required min="8">
29     </label>
30     <br>
31     <label for="confirmpassword">Confirm Password:
32       <input type="password" name="password" id="password" class="password" placeholder="*****" min="8">
33     </label>
34     <br>
35     <label for="gender">Gender:
36       <input type="radio" name="male" id="male" class="male" required checked>Male
37       <input type="radio" name="female" id="female" class="female" >Female
38     </label>
39     <br>
40     <label for="terms">Terms:
41       <input type="checkbox" name="terms" id="terms" required>I accept the terms and conditions.
42     </label>
43     <br>
44     <button class="button">Register</button>
45
46   </form>
47 </body>
48 </html>
```

External CSS:

```
1  .firstname{
2      background-color: aqua;
3  }
4  .lastname{
5      background-color: aquamarine;
6  }
7  .email{
8      background-color: antiquewhite;
9  }
10 .button{
11     background: rgb(119, 119, 214);
12 }
```

Browser Output:

First Name: Arshlan

Last Name: Ansari

Age: 22

Email: *****@gamil.com

Password: *****

Confirm Password: *****

Gender: ☒ Male ☐ Female

Terms: ☐ I accept the terms and conditions.

Register