

# Starting with CSS Assignment

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.

Ans:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Starting with CSS Assignment</title>
  <link rel="stylesheet" href="style.css">

  <style>
    .internal{
      background-color: ■green;
      color: ■white;
    }
  </style>
</head>
<body>
  <div class="inline" style="color: ■white; border:2px solid ■red; background-color: ■red;">
    this is div using inline css
  </div >

  <div class="internal">
    this is div using internal css
  </div>

  <div class="external">
    this is div using external css
  </div>

</body>
</html>
```

External css:

```
style.css > .external
1  *{
2    padding: 0;
3    margin: 0;
4  }
5
6  .external{
7    background-color: yellow;
8  }
```

Output:

this is div using inline css  
this is div using internal css  
this is div using external css

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.

Ans:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>BEM Naming</title>
  <link rel="stylesheet" href="BEM.css">
</head>
<body>
  <div class="content">
    <p class="para primary">
      Lorem, ipsum dolor sit amet consectetur adipisicing elit.
      Ad, odit!
    </p>
    <p class="para secondary">
      Lorem, ipsum dolor sit amet consectetur adipisicing elit.
      Ad, odit!
    </p>
    <p class="para highlight">
      Lorem, ipsum dolor sit amet consectetur adipisicing elit.
      Ad, odit!
    </p>
    <p class="para paraNote">
      Lorem, ipsum dolor sit amet consectetur adipisicing elit.
      Ad, odit!
    </p>
  </div>
</body>
</html>
```

```
.content{
  margin: 20px;
  padding: 10px;
}

.para{
  margin: 10px 0 ;
  padding: 10px;
  color: white;
}

.primary{
  background-color: blue;
}
.secondary{
  background-color: red;
}
.highlight{
  background-color: green;
  font-weight: bold;
}
.paraNote{
  background-color: rgb(13, 54, 255);
  font-style: italic;
}
```

Output:

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Ad, odit!

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Ad, odit!

**Lorem, ipsum dolor sit amet consectetur adipisicing elit. Ad, odit!**

*Lorem, ipsum dolor sit amet consectetur adipisicing elit. Ad, odit!*

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 element, and demonstrate how to apply opacity to one of the form sections.

Ans:- **code**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="form.css">
</head>

<body>
  <div>
    <form id="loginForm">
      <div id="heading"> <h1>Registration form </h1></div>
      <fieldset class="inputContainer">
        <div class="input">
          <level> First Name : </level>
          <input type="text" id="name">
        </div>

        <div class="input">
          <level> Middle Name : </level>
          <input type="text" id="name">
        </div>

        <div class="input">
          <level> Last Name : </level>
          <input type="text" id="name">
        </div>
      </fieldset>
    </form>
  </div>
</body>
</html>
```

```
</div>
```

```
<div class="input">  
  <level> Date of Birth : </level>  
  <input type="date" id="dateofbirth">  
</div>
```

```
<div class="input">  
  <level> Gender : </level>  
  <select id="gender" name="gender">  
    <option value=""> Select</option>  
    <option value="Male"> Male</option>  
    <option value=" Female"> Female</option>  
    <option value="Others"> Others</option>  
  </select>  
</div>
```

```
<div class="input">  
  <level> Email : </level>  
  <input type="email" id="email">  
</div>
```

```
<div class="input">  
  <level> Phone : </level>  
  <input type="number" id="phone">  
</div>
```

```
<div class="input">  
  <level> Password: </level>  
  <input type="Password" id="password">  
</div>
```

```
<div class="input">  
  <level> Confirm Password: </level>  
  <input type="Password" id="password">  
</div>
```

```
<div class="input">  
  <level> Favorite Color :</level>  
  <input type="color" id="color">  
</div>
```

```
<div class="input">  
  <level > <input type="checkbox"> agree to the terms and  
conditions</level>  
</div>
```

```
        <div class="input" id="submit" >
            <input type="submit" value="submit" id="submitbutton" >
        </div>
    </fieldset>
</form>
</div>
</body>

</html>
```

```
/* css code: */
```

```
*{
    margin: 0;
    padding: 0;
}
#heading{
    margin-top: 30px;
}

#loginForm{
    display: flex;
    flex-direction: column;
    align-items: center;
}

.inputContainer{
    margin: 20px;
    padding: 20px;
    width: 350px;
    border-radius: 20px;
    background-color: aquamarine;
}

.input{
    padding: 10px 20px;
    display: flex;
    flex-direction: row;
    justify-content: space-between;
}
```

```
#dateofbirth{
    margin-right:14%;
}
#gender{
    margin-right:31%;
}
#color{
    margin-right:37%;
}
#submit{
    display: flex;
    justify-content: center;
    align-items: center;
}

#submitbutton{
    background-color: green;
    color: white;
    padding: 10px 20px;
    border-radius: 16px;
    cursor:pointer;
}
```

Output :

# Registration form

First Name :	<input type="text"/>
Middle Name :	<input type="text"/>
Last Name :	<input type="text"/>
Date of Birth :	<input type="text" value="dd-----yyyy"/> 
Gender :	<input type="text" value="Select"/> ▼
Email :	<input type="text"/>
Phone :	<input type="text"/>
Password:	<input type="password"/>
Confirm Password:	<input type="password"/>
Fevorite Color :	<input type="color"/>
<input type="checkbox"/> agree to the terms and conditions	

submit