TASK 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.

SOLUTION 1:

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>CSS assignment</title>

<link rel="stylesheet" href="style.css">

<style>

.internal {

color : brown;

}

.inline\_\_internal{

color: steelblue;

}

.int\_\_external\_\_internal{

color: aquamarine;

}

</style>

</head>

<body>

<div style = "color:brown;" >Inline</div>

<div class="internal">Internal</div>

<div class="external">External</div>

<div class="inline\_\_internal" style = "color:chartreuse;">Inline + Internal</div>

<div class="int\_\_external\_\_internal\_\_ext" style = "color: crimson;">Internal + External</div>

<div class="inline\_\_internal\_\_external">Inline + Internal + External</div>

</body>

</html>

.external{

color: blueviolet;

}

.inline\_\_internal{

color: rgba(47, 255, 255, 0.425);

}

TASK 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.

SOLUTION :

<!DOCTYPE html>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>CSS assignment</title>

<style>

.main\_part{

color: aquamarine;

}

.important\_para{

color: chocolate;

}

.coding{

color: burlywood;

}

.better\_understanding{

color: chartreuse;

}

.btn\_primary\_button{

color: coral;

}

.btn\_secondary\_button{

color: crimson;

}

</style>

</head>

<body>

<div class = "main">

<p class= "main\_part">this is main part</p>

<p class = "important\_para" > this is important para</p>

</div>

<div class= "pw skills">

<p class= "coding"> this is here to improve skills</p>

<p class= "better\_understanding">use pw skill to understand better</p>

<button class="btn\_primary\_button" >primary button</button>

<button class="btn\_secondary\_button" >secondary button</button>

</div>

</body>

</html>

TASK : 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.

SOLUTION :

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>form assignment</title>

<style>

.firstname{

background-color: yellow;

}

.middlename{

background-color: aqua;

}

.lastname{

background-color: rebeccapurple;

}

#terms:checked {

accent-color: violet;

}

button{

opacity: 50%;

}

</style>

</head>

<body>

<form>

<label for="first name">first name</label>

<input type="text" name="first name" class="firstname" placeholder="mohit" id="first name">

<br>

<label for="middle name">middle name</label>

<input type="text" name="middle name" class="middlename" id="middle name">

<br>

<label for="last name">last name</label>

<input type="text" name="last name" class="lastname" placeholder="aheer" id="last name">

<br>

<label for="E-mail">E-mail</label>

<input type="text" name="E-mail" class="E-mail" placeholder="mohit@123" id="E-mail">

<br>

<label for="password">password</label>

<input type="password" name="password" class="password" placeholder="\*\*\*\*\*\*\*\*" id="password">

<br>

<label for="confirm password">confirm password</label>

<input type=" confirm password" name="confirm password" class="confirm password" placeholder="\*\*\*\*\*\*\*\*" id="confirm password">

<br>

<label for="age">age</label>

<input type="text" name="age" class="age" placeholder="21" id="age">

<br>

<label for="gender">gender</label>

<input type="radio" id="male" value="male" name="gender" />

<label for="male">Male</label>

<input type="radio" id="female" value="female" name="gender" />

<label for="female">Female</label>

<input type="radio" id="other" value="other" name="gender" />

<label for="other">Other</label>

<br>

<label for="terms">terms:

<input type="checkbox" id="terms" required class="checkbox" /> I agree to terms and

conditions

</label>

<br>

<button type="button">submit</button>

</form>

</body>

</html>