

Theory Challenge:

1. What are the differences between inline, internal, and external CSS?

Answer:

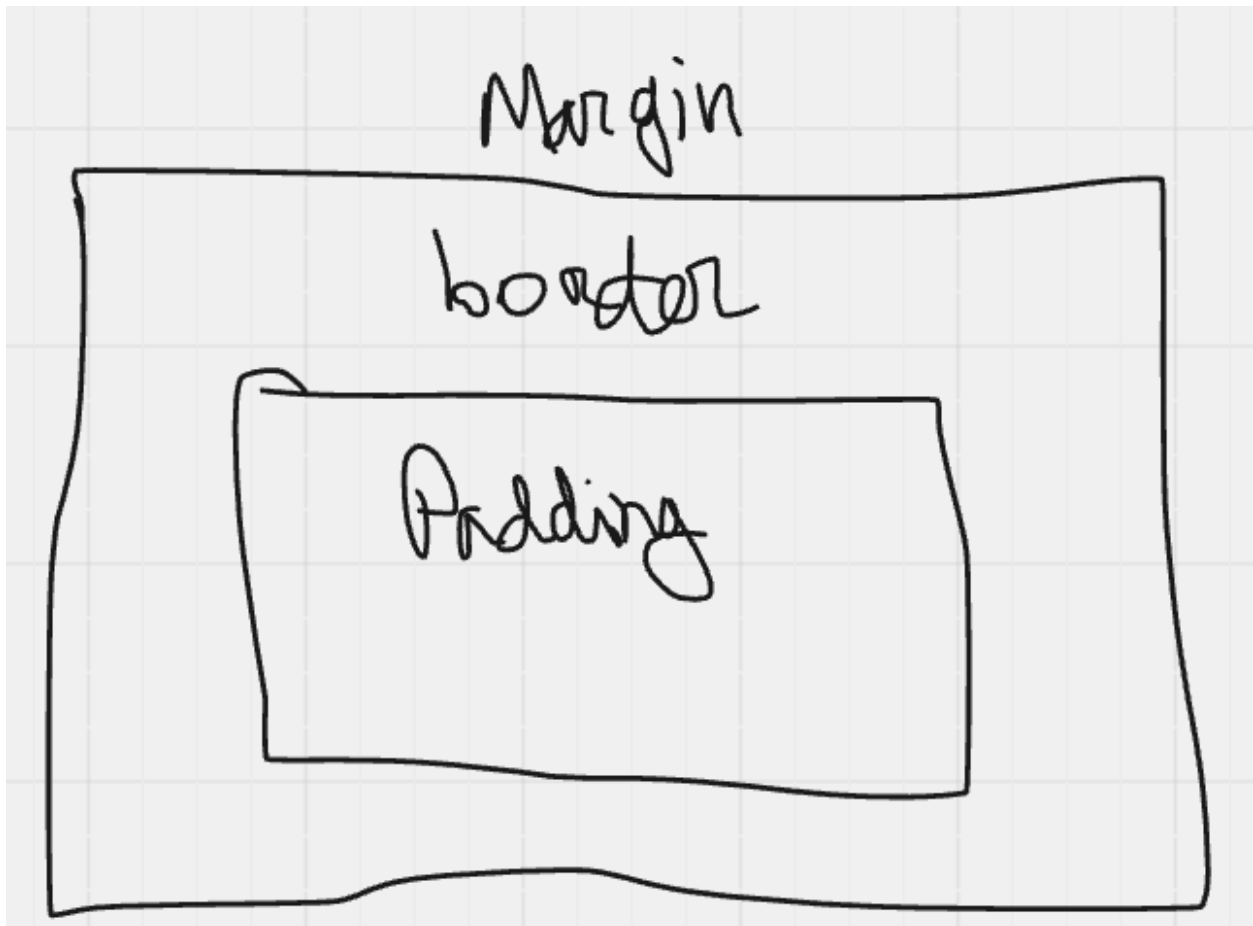
The differences between inline, internal and external CSS is how the CSS is being used. If we talk about inline CSS, we use inline CSS inside the element/tags. It is used one at a time. On the other hand, internal CSS is defined in the head section as `<style></style>`. External CSS is a kind of use of CSS that we create a separate CSS file in our project. Then we define all the styles from here, it's the best practice of CSS.

2. What happens if all three types target the same element? Which one is applied?

Answer:

If we style all types of CSS in the same element, the first one will be applied.

3. Explain how the box model works with a diagram (ASCII or in words).



4. What's the difference between `display: none;` and `visibility: hidden;`?

Answer:

`Display none` will hide the content completely. `visibility hidden` will hide the content but takes the space. On the other hand, `display: none` will hide the content completely.

5. Why would a tech company prefer external CSS over inline or internal?

Answer:

A tech company prefers external CSS over inline or internal because it's easy to style and organise with external CSS over internal and inline CSS. When a new programmer sees the code, he can easily understand what's with the style. And it's easy to maintain with external CSS, if we need to change anything, we can easily find it in external CSS.

MCQs & Output Prediction:

1. *
2. Text align
3. Left & right
4. `.highlighted { color: red; }`

Practical Tasks:

Task 1: Personal BLog Layout (index.html + style.css)

Html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>My Personal Blog</title>
  <style>
    #blog2{
      background-color: aqua;
      border-color: blue;
      padding: 10px;
      border: 20px;
      border-radius: 10px;
      margin: 10px;
      box-shadow: 10px 20px 30px 10px;
    }
  </style>
```

```
<link rel="stylesheet" href="style.css">
</head>
<body>
    <p style="color: rgb(28, 9, 6) ; background-color:
rgb(22, 222, 205);font-family: 'Courier New', Courier,
monospace; font-style: italic; text-align: center;
text-decoration: dotted;">Lorem ipsum dolor sit amet
consectetur adipisicing elit. Possimus esse laboriosam
neque magni quae expedita, rerum optio exercitationem
sunt ea reprehenderit quasi? Odio itaque hic eveniet iure
tenetur blanditiis ducimus eaque quisquam debitis
assumenda dolores dicta enim sapiente exercitationem
accusantium, consequuntur, incidunt accusamus culpa! Iste
hic quam quia minima dolorem.</p>
    <p id="blog2">Lorem ipsum dolor sit amet, consectetur
adipisicing elit. Natus sunt repudiandae alias optio a
minima distinctio totam ab, omnis id consequatur deserunt
cupiditate consequuntur, veritatis necessitatibus? Vel
dicta fugit illum provident voluptatum quibusdam,
deserunt quasi, repellat laborum dolorum unde suscipit
dolore nisi accusamus porro quia neque magni totam labore
quas sequi? Libero suscipit illo accusantium fuga culpa
modi nesciunt at.</p>
    <p class="blog3">Lorem ipsum dolor sit amet
consectetur adipisicing elit. Quisquam nihil suscipit
recusandae, culpa, illum omnis delectus eveniet pariatur
dolorem eligendi optio, temporibus atque reiciendis eius
incidunt corporis quasi consequuntur deleniti cupiditate
vel. Maxime explicabo delectus, corporis autem dolorum
architecto. Quo voluptatum assumenda fugit nostrum
laboriosam, labore minus quibusdam mollitia similique
magni commodi fugiat, dignissimos debitis quod itaque,
```

```
inventore ut in quidem minima qui distinctio recusandae  
aut illo! Unde, aliquid quam.</p>  
</body>  
</html>
```

CSS:

```
.blog3{  
    color: crimson;  
  
}
```

Task2: Product Card UI

Sorry i couldn't do it

Task3:CSS Selector Playground

Html:

```
<!DOCTYPE html>  
<html lang="en">  
  
<head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width,  
initial-scale=1.0">  
    <title>CSS Selecto Playground</title>  
    <style>  
        #puku {  
            color: black;  
            background-color: green;  
        }  
    </style>  
    <link rel="stylesheet" href="style.css">  
</head>
```

```
<body>
  <div>
    <h1 class="heading">Blog 1</h1>
    <p class="blog">Lorem ipsum, dolor sit amet
consectetur adipisicing elit. Veniam tenetur expedita
excepturi
        cupiditate minus animi nostrum, dolores eaque
inventore dolorem architecto. Alias possimus cumque ipsum
unde
        doloremque nemo cum exercitationem?</p>
  </div>
  <div>
    <h1 class="heading">Blog 2</h1>
    <p id="puku">Lorem ipsum dolor sit amet
consectetur adipisicing elit. Praesentium, officia neque
at placeat iure
        libero sequi minima, id incidunt
exercitationem quia enim nobis recusandae architecto
maxime temporibus fuga
        alias consequatur.</p>
  </div>
  <br>
  <input type="text" name="" id="">
  <br>
  <input type="password" name="" id="">
</body>

</html>
```

CSS:

```
.blog{
  color: black;
```

```
        background-color: greenyellow;
    }
    .heading{
        color: darkviolet;
        background-color: black;
    }
    input[type="text"]{
        background-color: black;
    }
    input[type="password"]{
        background-color: blue;
    }
}
```