

Assignment-2

1. Write a program to style content using different CSS selectors?

A)

Index.html:

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initialscale=1.0">
  <link rel="stylesheet" href="style.css">
  <title>Question 1</title>
</head>

<body>
  <h1 id="head">
    This is Heading
  </h1>
  <p id="intro">This is a paragraph with the class "intro".</p>
  <p class="my-paragraph"> <i>This is paragraph with the id "my-
paragraph"</i> </p>
  <ul>
    <li class="items item-1">Item 1</li>
    <li class="items item-2">Item 2</li>
    <li class="items item-3">Item 3</li>
  </ul>
</body>

</html>
```

Style.css

```
* {
  box-sizing: border-box;
}

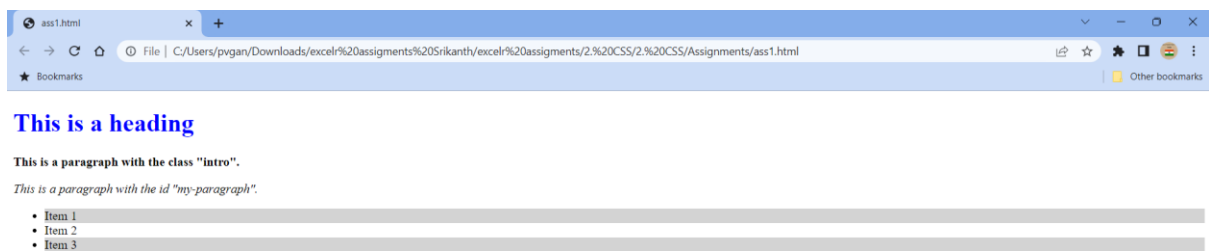
#head {
  color: blue;
}

#intro {
  font-weight: 900;
}
```

```
.my-paragraph {
    font-weight: 500;
}

.item-1,
.item-3 {
    background-color: #d3d3d3;
}
```

Output:



2. Write a program to show different background properties and display course information using different font properties in CSS?

A)

Index.html:

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initialscale=1.0">
    <title>Question 2</title>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Cutive+Mono&display=swap"
rel="stylesheet">
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <h4 class="title back-color">BackGround Color</h4>
    <h4 class="title back-image">BackGround Image</h4>
    <h4 class="title grad">BackGround Gradient</h4>
    <h4 class="title back-repeat">BackGround Repeat</h4>
    <h4 class="title back-postion">BackGround Position</h4>
```

```
<div class="card">
  <h2 class="items head">Introduction to css</h3>
  <p class="items">Instructor : John Smith</p>
  <p class="items">Duration: 4 weeks</p>
  <p class="items">Level: Beginner</p>
  <p class="items last">This Course provides an introduction
    to Css, Covering Basic syntax,</p>
</div>
</body>

</html>
```

Style.css

```
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}

.title {
  padding: 5px;
  margin-top: 15px;
}

.back-color {
  background-color: yellow;
}

.back-image {
  background-image: url('../Assets/image.png');
  background-repeat: repeat-x;
}

.grad {
  background-image: linear-gradient(to right, red, yellow);
}

.back-repeat {
  background-image: url('../Assets/pattern.jpg');
  background-repeat: repeat;
}

.back-postion {
  background-image: url('../Assets/image.png');
  background-position: 100px;
}
```

```

.card {
  padding: 10px;
  margin: 5px;
  box-shadow: 17px 19px 11px -9px rgba(0, 0, 0, 0.1);
  font-size: 18px;
  width: 95%;
}

.card .head {
  text-decoration: underline;
}

.card .items {
  margin: 6px;
  padding: 5px;
}

.last {
  font-family: 'Cutive Mono', monospace;
  size: 16px;
}

```

Output:



3. Write a program to display courses in a tile using flexbox?

A.

Index.html :

```

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

<head>
  <meta charset="UTF-8">

```

```

<meta name="viewport" content="width=device-width, initialscale=1.0">
<title>Question 3</title>
<link rel="stylesheet" href="style.css">

</head>

<body>
  <div class="container">
    <div class="card">
      <h2>HTML</h2>
      <p>The HyperText markup language or HTML is the standard
        markup language for dicumentation designed to be displayed in
a web
        browser.It defines the meaing and structure of web content</p>
    </div>
    <div class="card">
      <h2>CSS</h2>
      <p>Cascading Style Sheets(CSS) is a style sheet language
        used for describing the presentation of a documentation
written in a
        markup language such as HTML or XML</p>
    </div>
    <div class="card">
      <h2>Bootstrap</h2>
      <p>Bootstrap is an HTML,CSS and JS library that focuses on
        simplifying the development of infromative web pages</p>
    </div>
    <div class="card">
      <h2>JavaScript</h2>
      <p>JavaScript is a high-level, often just-in-time compiled
        language that contains to the ECMAScript standard it has
dynamic
        typing, prototyping object-oriented, and first-class
function</p>
    </div>
  </div>
</body>

</html>

```

Style.css:

```

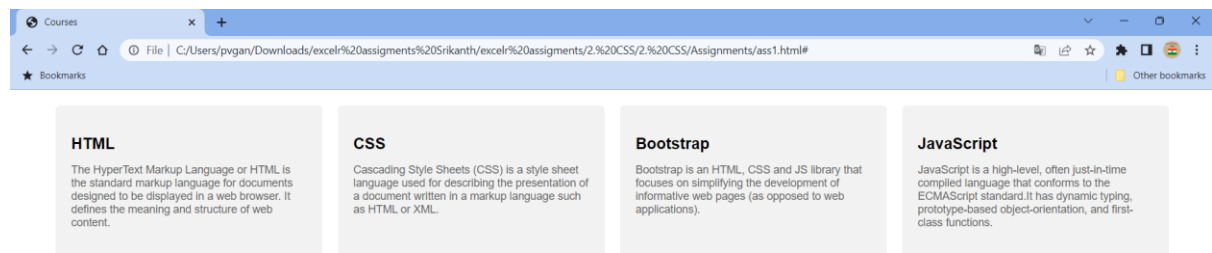
.container {
  display: flex;
  justify-content: center;
}

.card {

```

```
padding: 10px;
margin: 5px;
width: 20%;
background-color: #f2f2f2;
border-radius: 10px;
}
```

Output:



4. Write a program to design standard web layout using GRID?

A.

Index.html:

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Question 4</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>

  <div class="container">
    <div class="header">
      <h1>Header</h1>
    </div>
    <div class="sidebar">
      <h2>Sidebar</h2>
      <div>the side bar can consist navigation bar or other important
content of the web page</div>
    </div>
    <div class="main-content">
      <h2>Main Content</h2>
      <p>This is the main content Part here we can have our main content
of the web application</p>
    </div>
  </div>
</body>
</html>
```

```
        </div>
        <div class="footer">
            <h2>Footer</h2>
        </div>
    </div>

</body>

</html>
```

Style.css:

```
body,
html {
    margin: 0;
    padding: 0;
    height: 100%;
}

.container {
    display: grid;
    grid-template-columns: repeat(3, 1fr);
    grid-template-rows: 75px auto 75px;
    min-height: 100%;
}

.header {
    grid-column: 1 / -1;
    background-color: #856868;
    color: #fff;
    text-align: center;
    height: 75px;
}

.sidebar {
    background-color: #f0f0f0;
    padding: 20px;
}

.main-content {
    background-color: #fff;
    padding: 20px;
}

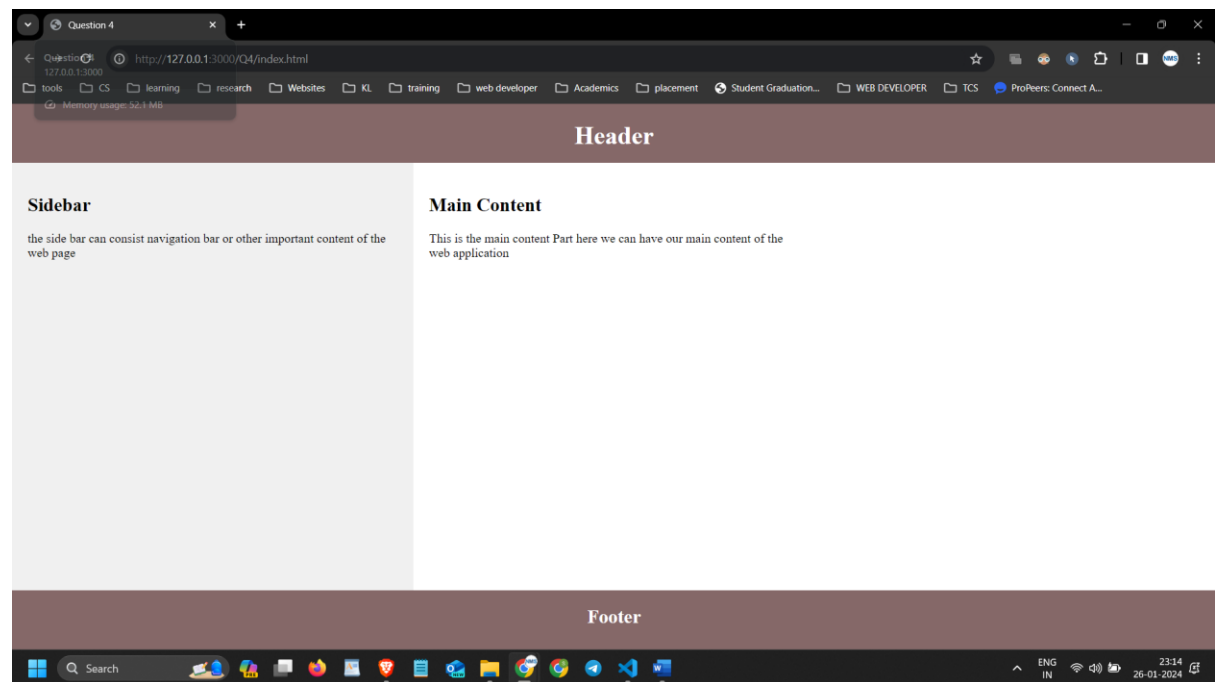
.footer {
    grid-column: 1 / 4;
    background-color: #856868;
```

```

color: #fff;
text-align: center;
height: 75px;
}

```

Output:



5. Write a program to create responsive menu using media queries CSS?

A.

Index.html:

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Question 5</title>
<link rel="stylesheet" href="style.css">
</head>
<body>

<ul class="menu">
  <li><a href="#home">Home</a></li>
  <li><a href="#news">News</a></li>
  <li><a href="#contact">Contact</a></li>
  <li><a href="#about">About</a></li>
</ul>

```



```
<div class="square"></div>

</body>
</html>
```

Style.css:

```
.menu {
    list-style-type: none;
    margin: 0;
    padding: 0;
    background-color: #333333bd;
    text-align: center;
}

.menu li {
    display: inline-block;
}

.menu li a {
    display: block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
    font-family: Arial, sans-serif;
}

.square {
    width: 100px;
    height: 100px;
    margin: 20px auto;
}

@media screen and (max-width: 600px) {
    .menu {
        display: flex;
        flex-direction: column;
    }

    .menu li {
        display: block;
        margin-bottom: 5px;
    }

    .square {
```

```
        background-color: #FF6347;
        width: 50px;
        height: 50px;
    }
}

@media screen and (min-width: 601px) and (max-width: 900px) {
    .menu li a {
        padding: 10px;
        font-size: 14px;
    }

    .square {
        background-color: #4682B4;
        width: 80px;
        height: 80px;
    }
}

@media screen and (min-width: 901px) {
    .menu li {
        margin-right: 15px;
    }

    .square {
        background-color: #2E8B57;
        width: 120px;
        height: 120px;
    }
}

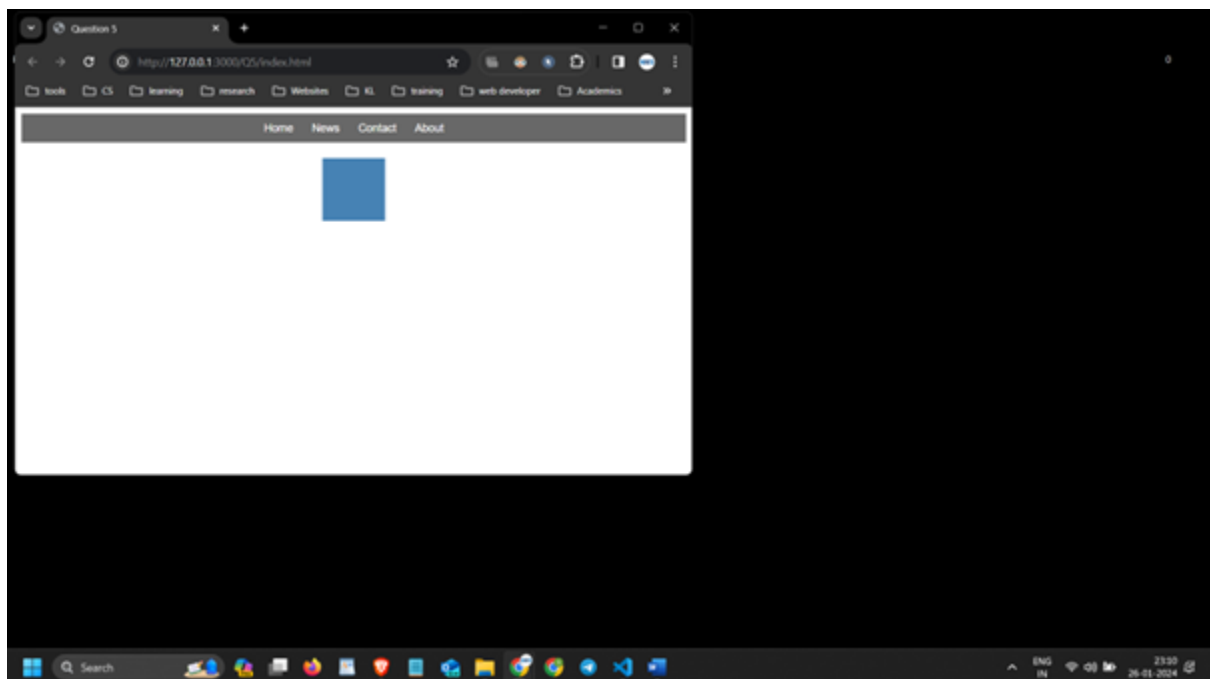
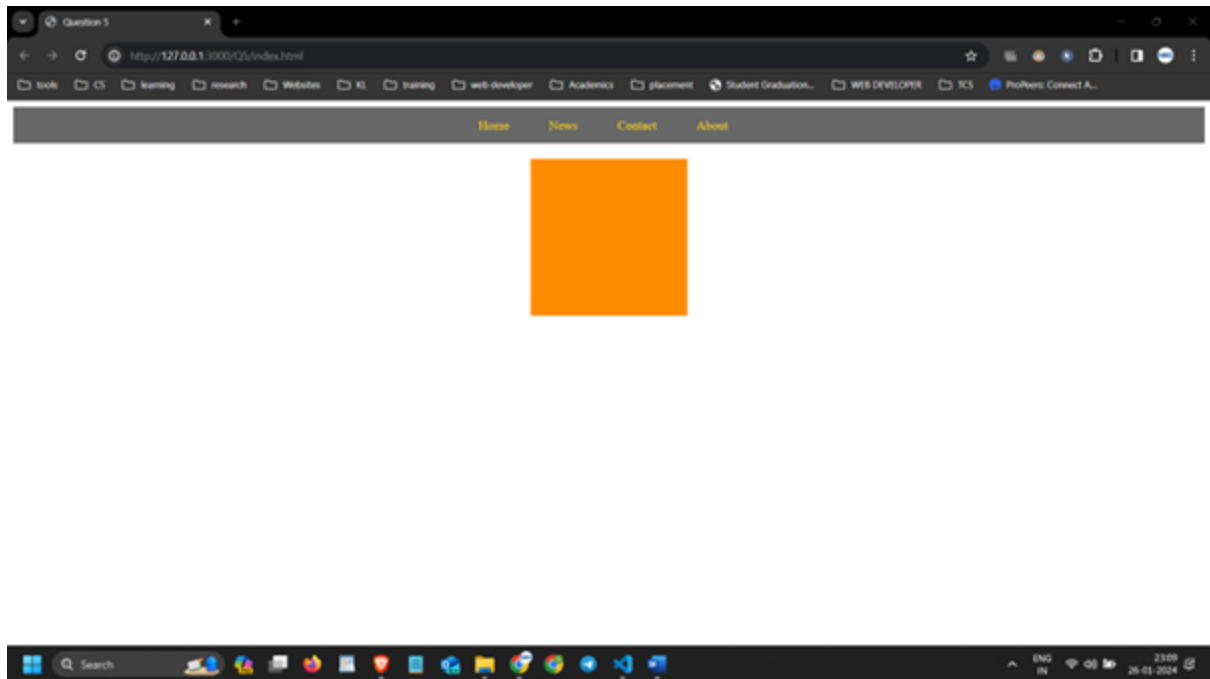
@media screen and (min-width: 1200px) {
    .menu li a {
        color: #FFD700;
    }

    .square {
        background-color: #9932CC;
        width: 150px;
        height: 150px;
    }
}

@media screen and (min-width: 1400px) {
    .menu li a {
        font-family: 'Times New Roman', serif;
    }
}
```

```
.square {  
  background-color: #FF8C00;  
  width: 200px;  
  height: 200px;  
}
```

Output:



6. Write a program to animate a tile in CSS?

```
A. <!DOCTYPE html>

<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Question 6</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>

<body>

  <div class="container">
    <div class="tile"></div>
  </div>

</body>

</html>
```

Style.css:

```
* {
  background-color: black;
}

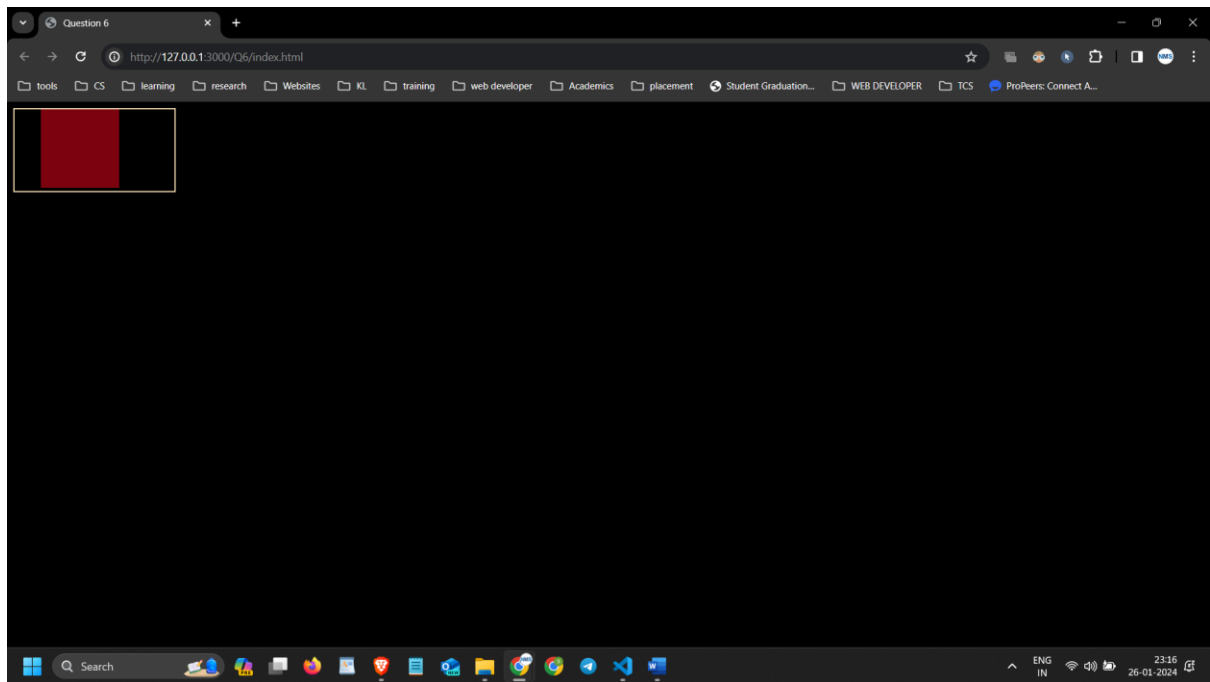
.container {
  width: 204px;
  height: 104px;
  border: 2px solid wheat;
  overflow: hidden;
}

.tile {
  width: 100px;
  height: 100px;
  background-color: rgb(123, 2, 14);
  position: relative;
  animation: slide 2s infinite alternate;
}

@keyframes slide {
  0% {
    left: 0;
  }
}
```

```
100% {  
    left: 102px;  
}
```

Output:



https://sehan001.github.io/Myntra_clone/

The above link is the Myntra Clone Application which was Created by me after Learning the HTML and CSS in the excelr Training Sessions