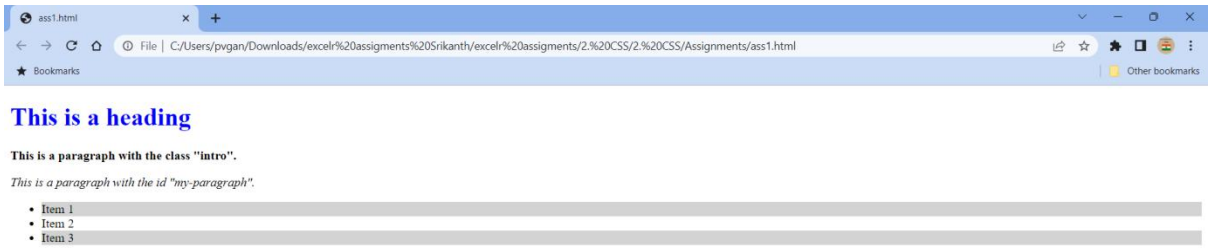
1) Write a program to style content using different CSS selectors?

Expected Output:




```
<html>
    <head>
        <title>Heading</title>
        <style>
            h1{
                color:blue;
            }
        </style>
    </head>
    <body>
        <h1>This is a Heading</h1>
        <b>This is a paragraph with class "intro" </b></br>
        <i>This is the paragraph with the id"my-paragraph"</i>
        <ul>
            <li>item 1</li>
            <li>item 2</li>
            <li>item 3</li>
        </ul>
    </body>

</html>
```

This is a Heading

This is a paragraph with class "intro"

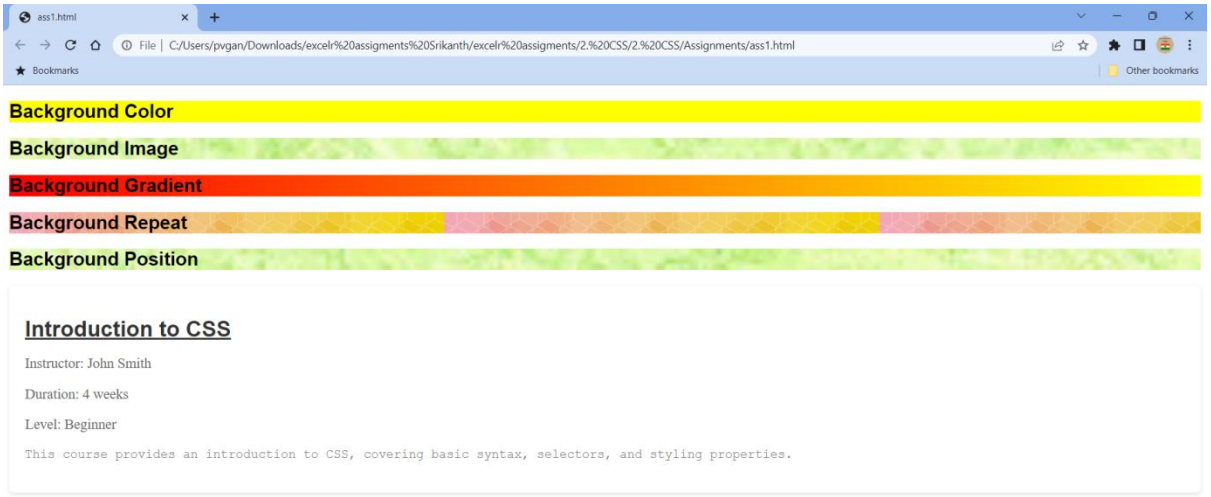
This is the paragraph with the id"my-paragraph"

- item 1
- item 2
- item 3

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

 pattern.png  image.jpg

Expected Output:

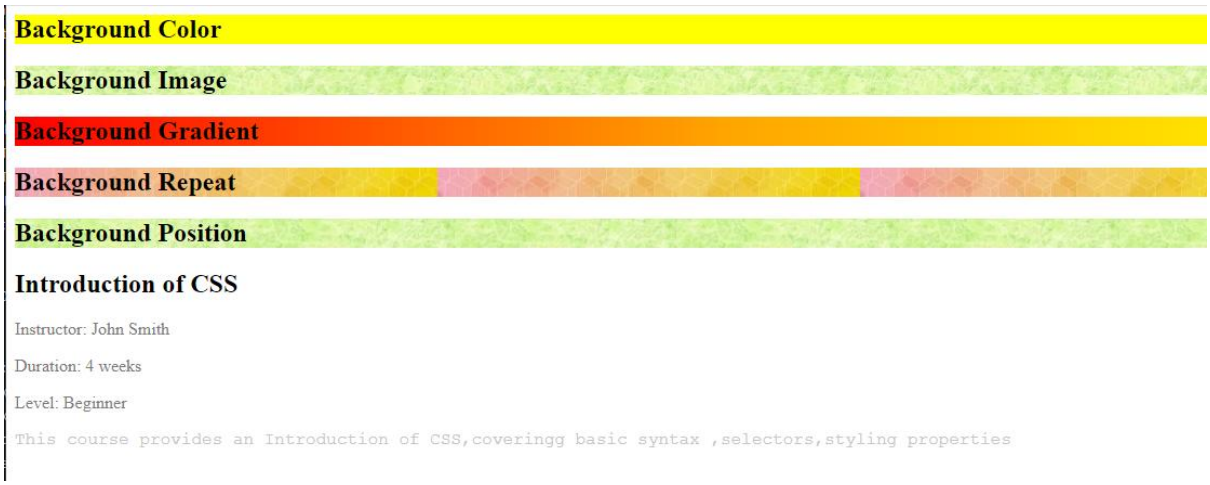



```
<html>
    <head>
        <title>
            Introduction of CSS
        </title>
        <style>
           .color1{
```

```
 background-color: yellow;
 margin: 0%;
 padding: 0%;
}

.I1{
 background-image:
   url("Image.png");
}

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

.B1{
 background-image:url("pattern.png"); ;
 background-repeat:repeat-x;
}
```

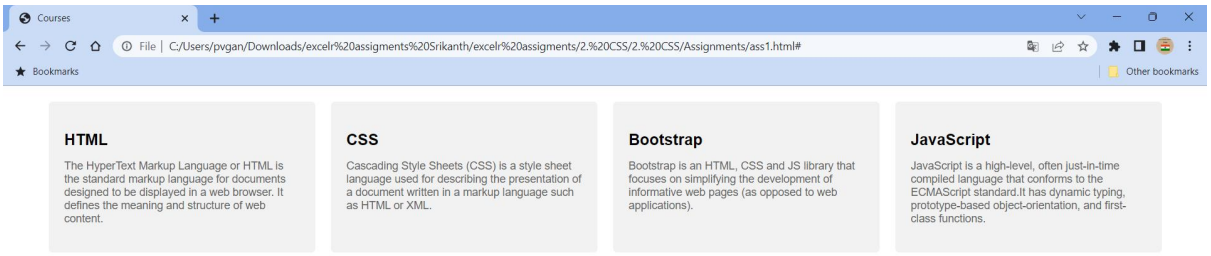
```
.P1{
 background-image: url("Image.png");
 background-position: center;
}
p{
 color: rgb(126, 123, 123) ;
}
.last{
 font-family: 'Courier New', Courier, monospace;
 color:rgb(201, 198, 198)
```

```
            }
        </style>
    </head>
    <body>
        <h2 class="color1">Background Color</h2>
        <h2 class="I1">Background Image</h2>
        <h2 class="linear-gradient">Background Gradient</h2>
        <h2 class="B1">Background Repeat</h2>
        <h2 class="P1">Background Position</h2>
        <h2 class="Cs1">Introduction of CSS</h2>
        <p>Instructor: John Smith</p>
        <p>Duration: 4 weeks</p>
        <p>Level: Beginner</p>
        <p class="last">This course provides an Introduction of CSS,coveringg basic
syntax ,selectors,styling properties</p>
    </body>
</html>
```



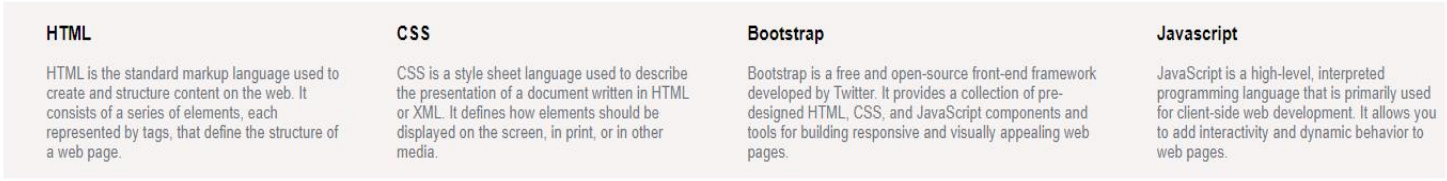
3) Write a program to display courses in a tile using flexbox?

Expected Output:




```
html>
    <head>
        <title>
            Flexbox
        </title>
        <style>
            section{
               display: flex;
               padding-left: 40px;
               margin-top: 40px;
               gap: 50px;
               flex-direction: row;
               justify-content:space-between ;
               background:rgb(247, 243, 243) ;
               font-family: sans-serif;
               font-size: small;
            }
            p{
                color: rgb(113, 119, 126);
            }


        </style>
    </head>
    <body>
        <section class="box">
            <article>
```

```
                <h1>HTML</h1>
                <p>HTML is the standard markup language used to create and structure content on the web.
                    It consists of a series of elements, each represented by tags, that define the structure of a web page.
                </p>
            </article>
            <article>
                <h1>CSS</h1>
                <p>CSS is a style sheet language used to describe the presentation of a document written in HTML or XML.
                    It defines how elements should be displayed on the screen, in print, or in other media.</p>
            </article>
            <article>
                <h1>Bootstrap</h1>
                <p>Bootstrap is a free and open-source front-end framework developed by Twitter.
                    It provides a collection of pre-designed HTML, CSS, and JavaScript components and tools for building responsive and visually appealing web pages.</p>
            </article>
            <article>
                <h1>Javascript</h1>
                <p>JavaScript is a high-level, interpreted programming language that is primarily used for client-side web development.
                    It allows you to add interactivity and dynamic behavior to web pages.</p>
            </article>
        </section>
    </body>
</html>
```

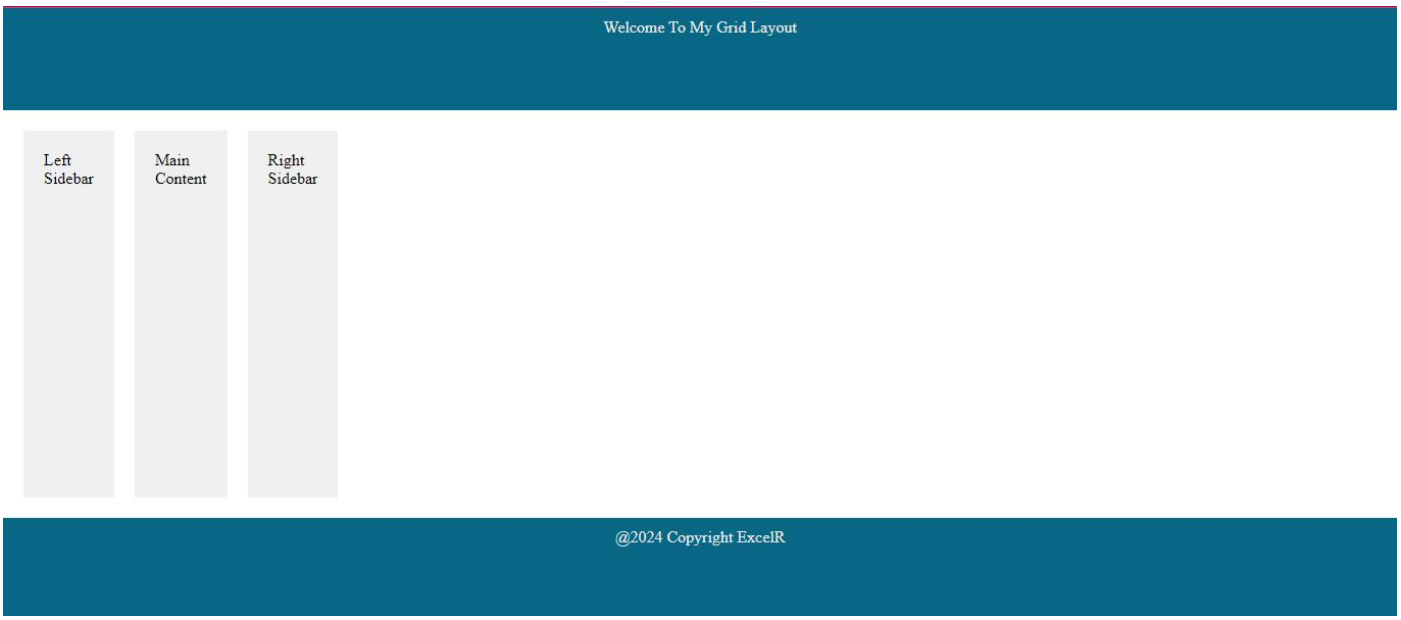


4) Write a program to design standard web layout using GRID?

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    body {
      display: grid;
      grid-template-rows: 100px 1fr 100px;
      grid-template-columns: 1fr 3fr 1fr;
      height: 100vh;
      margin: 0;
    }

    header, footer {
      grid-column: span 3;
      background-color: #096885;
      color: rgba(248, 242, 242, 0.932);
      text-align: center;
      padding: 10px;
    }
```

```
    main {
      display: grid;
      grid-template-columns: 1fr 2fr 1fr;
      grid-gap: 20px;
      padding: 20px;
```

```
    }
    section {
      background-color: #f0f0f0;
      padding: 20px;
    }
  </style>
  <title>Grid Layout Example</title>
</head>
<body>
  <header>Welcome To My Grid Layout</header>
  <main>
    <section>Left Sidebar</section>
    <section>Main Content</section>
    <section>Right Sidebar</section>

  </main>
  <footer>@2024 Copyright ExcelR</footer>
</body>
</html>
```



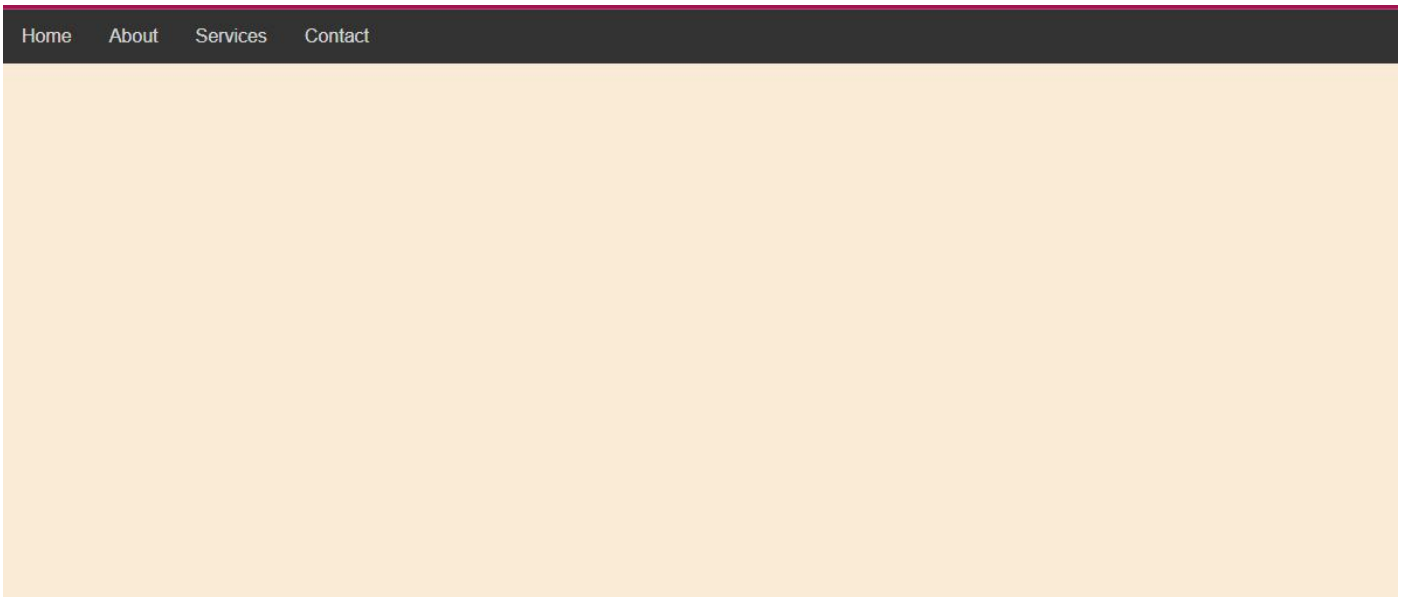
5) Write a program to create responsive menu using media queries css?

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

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    body {
      margin: 0;
      font-family: 'Arial', sans-serif;
      background-color: antiquewhite;
    }

    nav {
      background-color: #333;
      overflow: hidden;
    }
```

```
    nav a {
      float: left;
      display: block;
      color: rgba(255, 255, 255, 0.795);
      text-align: center;
      padding: 14px 16px;
      text-decoration: none;
    }
    @media screen and (max-width: 600px) {
      nav a {
        float: none;
        display: block;
        width: 100%;
        text-align: left;
      }
    }
  </style>
  <title>Responsive Menu Example</title>
</head>
```

```
<body>
  <nav>
    <a href="#home">Home</a>
    <a href="#about">About</a>
    <a href="#services">Services</a>
    <a href="#contact">Contact</a>
  </nav>
</body>
</html>
```



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

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    .tile {
      width: 100px;
      height: 100px;
      background-color: #3498db;
```

```
      transition: transform 0.3s ease-in-out;
    }

    .tile:hover {
      transform: scale(1.2);
    }
  </style>
  <title>Tile Animation </title>
</head>
<body>
  <div class="tile">Hello Manjula</div>
</body>
</html>
```