

Name-MITALI RAJPUT

Roll no -102118067

### Question 1

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Custom Accordion</title>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css">
  <style>

    .accordion-header {
      background-color: #000;
      color: #eee;
      cursor: pointer;
      padding: 18px;
      width: 100%;
      border: none;
      text-align: left;
      outline: none;
      font-size: 15px;
      transition: 0.4s;
      border-bottom: 2px solid #f00;
    }

    .accordion-body {
      padding: 0 18px;
      display: none;

      background-color: white;
      overflow: hidden;
      color: #00f;
      font-weight: bold;
    }

    .accordion-body.show {
      display: block;
    }

    .accordion-toggle {
      float: right;

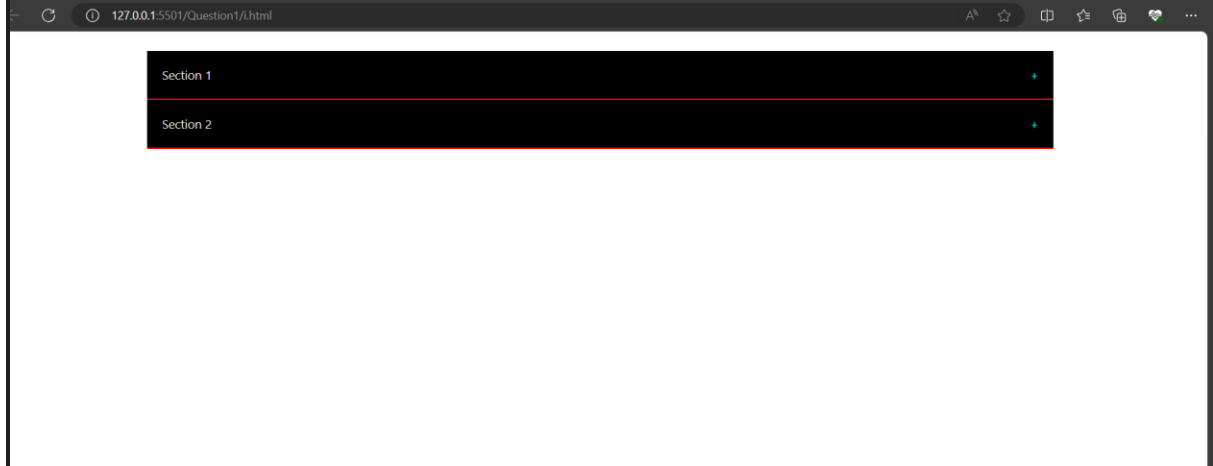
      cursor: pointer;
      color: aqua;
    }
  </style>
</head>
<body>
  <div class="container mt-4">
    <div class="accordion">
      <div class="accordion-item">
        <div class="accordion-header">
          Section 1
          <span class="accordion-toggle">+</span>
        </div>
        <div class="accordion-body collapse" id="collapse1">
          <p>Para1 is displayed</p>
        </div>
      </div>
      <div class="accordion-item">
        <div class="accordion-header">
          Section 2
          <span class="accordion-toggle">+</span>
        </div>
        <div class="accordion-body collapse" id="collapse2">
          <p>Para2 is displayed</p>
        </div>
      </div>
    </div>
  </div>

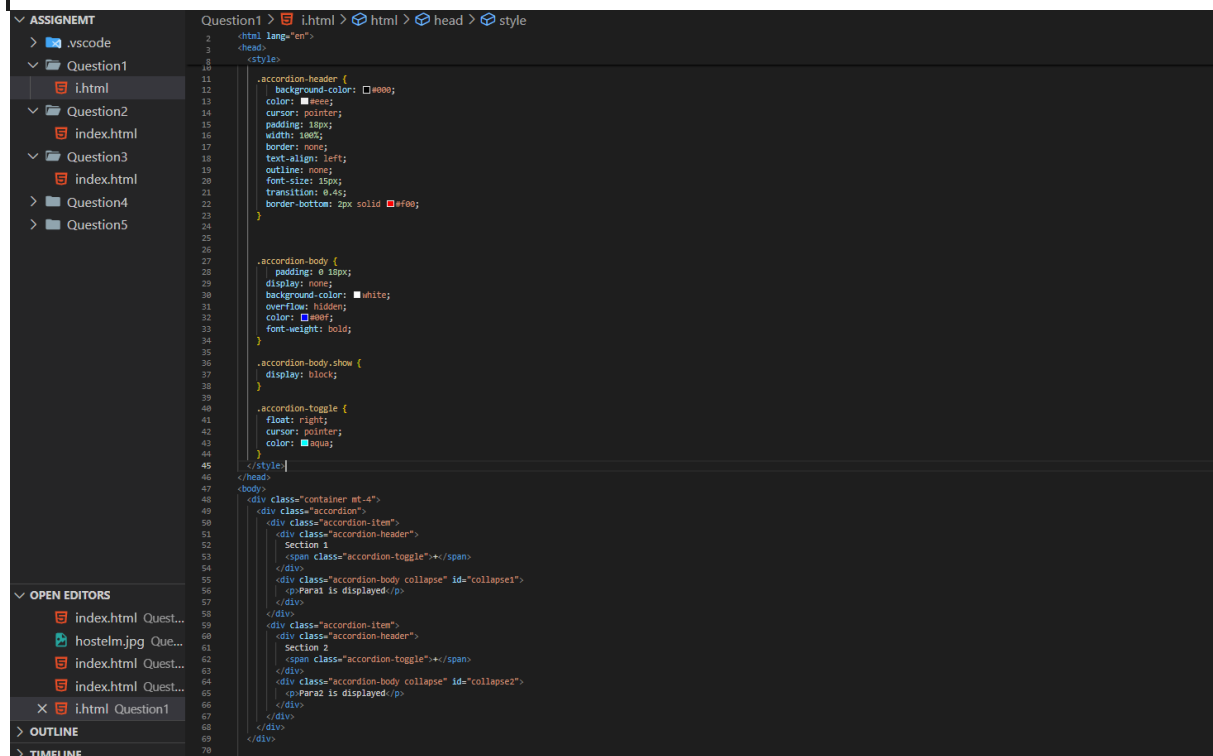
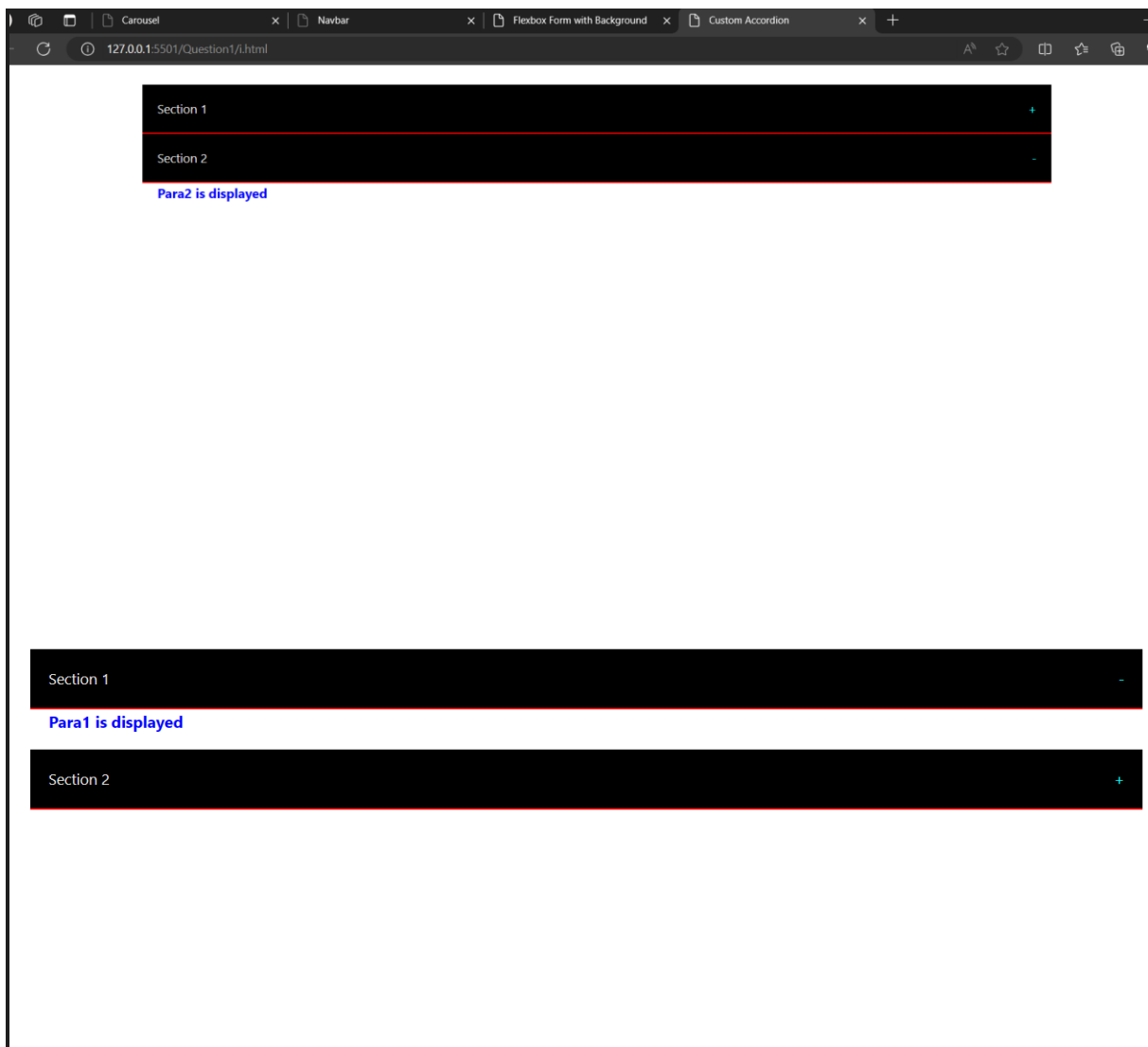
  <script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
```

```
<script>
$(document).ready(function(){
  $('.accordion-toggle').click(function(event){
    event.stopPropagation(); //THIS WILL help in Prevent the accordion header click event from propagating
    $(this).text($(this).text() == '+' ? '-' : '+');
    var target = $(this).closest('.accordion-item').find('.accordion-body');
    $(target).collapse('toggle');
  });
});
</script>
```

</body>

</html>





Question 2.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Flexbox Form with Background</title>
  <style>
    body {
      display: flex;
      min-height: 100vh;
      font-family: Arial, sans-serif;
      justify-content: center;
      align-items: center;
      margin: 0;
      background-color: #f0f0f0;
    }

    .form-container {
      width: 80%;
      background-color: #F0E68C;
      border-radius: none;
      padding: 5px;
    }

    .form-row {
      display: flex;
      justify-content: space-between;
      align-items: center;
      margin-bottom: 30px;
    }

    .form-row input,
    .form-row button {
      padding: 10px;
      border: 1px solid #ccc;
    }

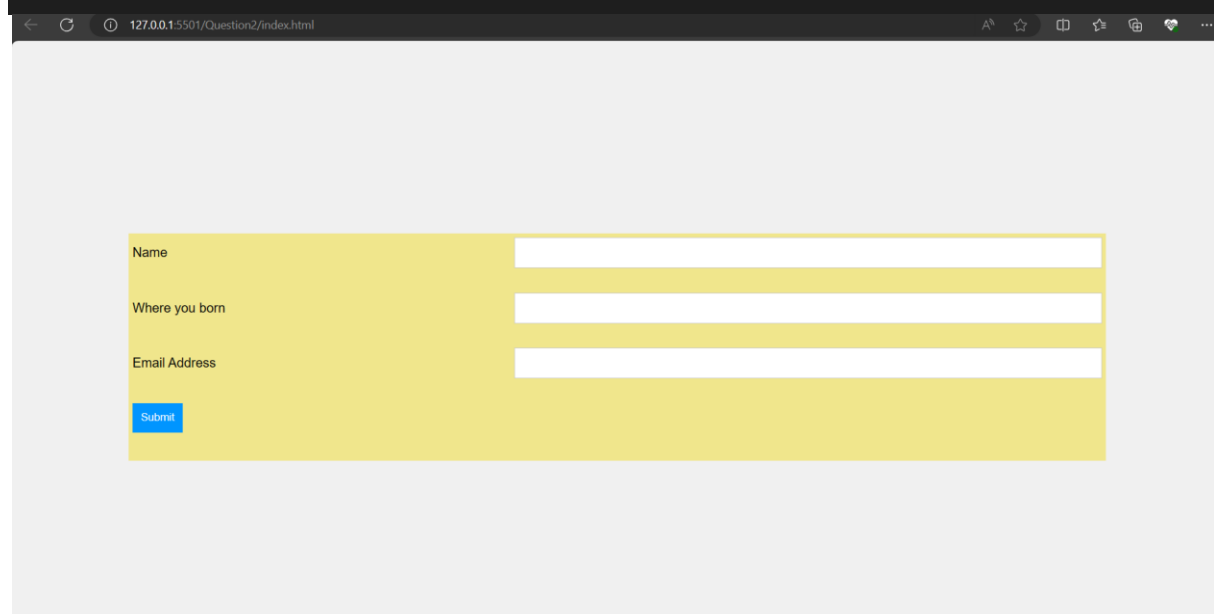
    .form-row input {
      width: 700px;
    }

    .form-row button {
```

```

        background-color: #0095ff;
        color: #fff;
        border: none;
        cursor: pointer;
    }
</style>
</head>
<body>
    <div class="form-container">
        <form>
            <div class="form-row">
                <label for="name">Name</label>
                <input type="text" id="name" required>
            </div>
            <div class="form-row">
                <label for="born">Where you born</label>
                <input type="text" id="born" required>
            </div>
            <div class="form-row">
                <label for="email">Email Address</label>
                <input type="email" id="email" required>
            </div>
            <div class="form-row">
                <button type="submit">Submit</button>
            </div>
        </form>
    </div>
</body>
</html>

```



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5501/Question2/index.html". The browser's developer tools are open, showing the HTML structure of the page. The form is rendered as a yellow rectangular container with a white background. It contains three rows of input fields, each with a label on the left and an input box on the right. The labels are "Name", "Where you born", and "Email Address". The input boxes are white with a light gray border. Below the input fields is a blue "Submit" button. The browser's address bar and developer tools are visible at the top of the window.

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Flexbox Form with Background</title>
7   <style>
8     body {
9       display: flex;
10      min-height: 100vh;
11      font-family: Arial, sans-serif;
12      justify-content: center;
13      align-items: center;
14      margin: 0;
15      background-color: #f0f0f0;
16    }
17
18    .form-container {
19      width: 80%;
20      background-color: #f0e68c;
21      border-radius: none;
22      padding: 5px;
23    }
24
25    .form-row {
26      display: flex;
27      justify-content: space-between;
28      align-items: center;
29      margin-bottom: 30px;
30    }
31
32
33    .form-row input,
34    .form-row button {
35      padding: 10px;
36      border: 1px solid #ccc;
37    }
38
39    .form-row input {
40      width: 700px;
41    }
42
43
44    .form-row button {
45      background-color: #0095ff;
46      color: #fff;
47      border: none;
48      cursor: pointer;
49    }
50  </style>
51 </head>
52 <body>
53   <div class="form-container">
54     <form>
55       <div class="form-row">
56         <label for="name">Name</label>
57         <input type="text" id="name" required>
58       </div>
59       <div class="form-row">
60         <label for="born">Where you born</label>
61         <input type="text" id="born" required>
62       </div>
63       <div class="form-row">
64         <label for="email">Email Address</label>

```

Question 3.

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Navbar</title>
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/boots
trap.min.css" integrity="sha384-
x0OlHFLh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
  <style>

```

```
.nav-item .dropdown-menu {
  margin:0;
  padding:0;
  background: red;

  width: 100%;

}

.nav-item {
  display: inline-block;
}

.nav-item a {
  color: #FFF;
}

.nav-item:hover {
  background: red ;
}

.nav-item:hover .dropdown-menu,
.nav-item.active .dropdown-menu {
  display: flex;
}

.nav-item .dropdown-item {

  width: auto;
  background: red;

}

.dropdown-item:focus,
.dropdown-item:hover {
  background: rgba(0, 0, 0, 0.2) ;
}
</style>
</head>
```

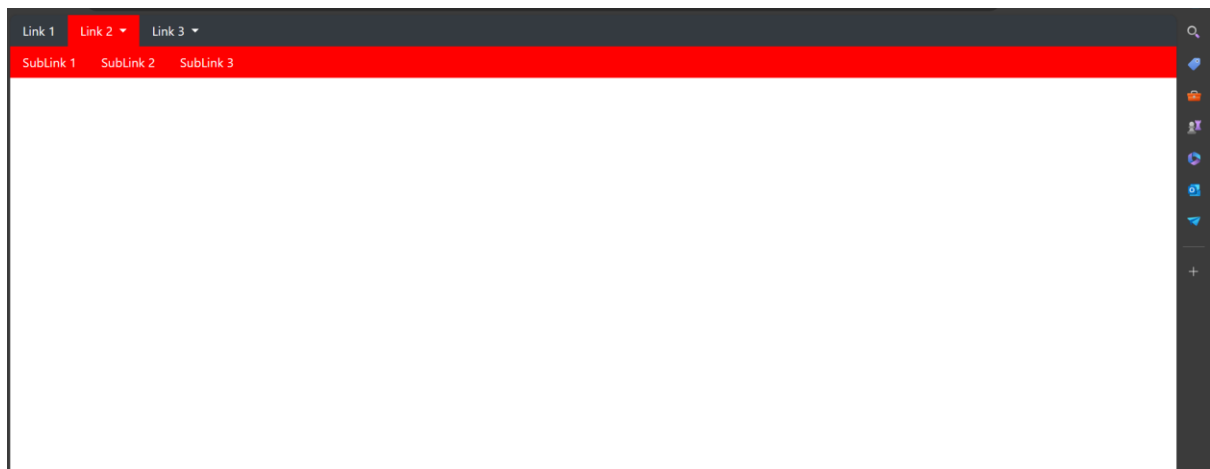
```

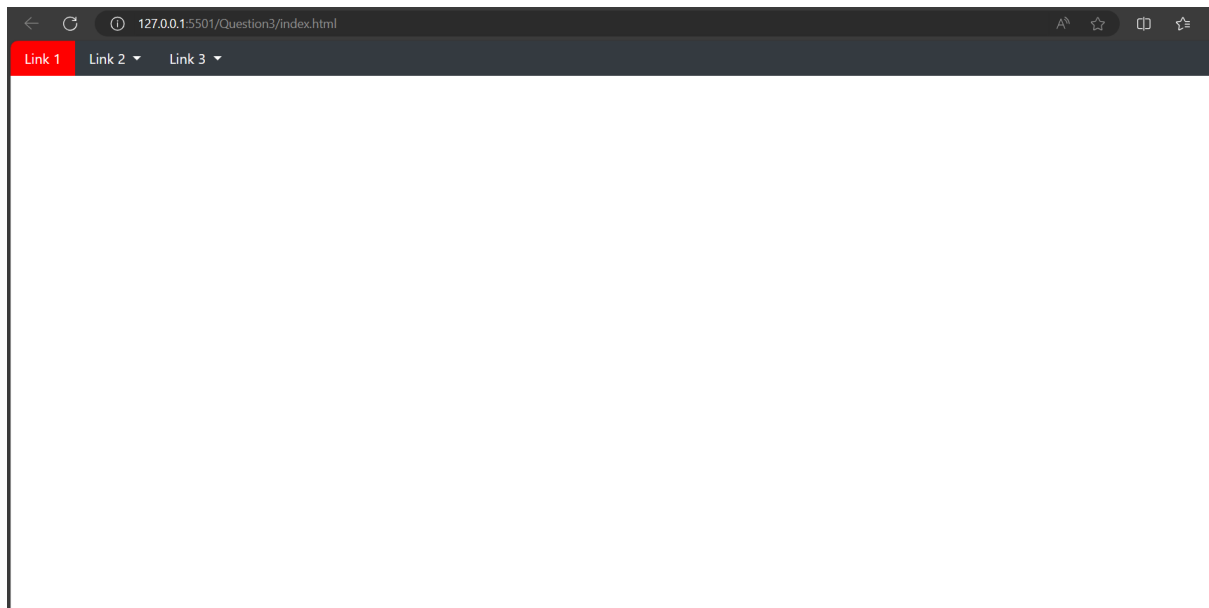
<body>
  <ul class="navbar navbar-dark bg-dark p-0 justify-content-
start">
    <li class="nav-item">
      <a class="nav-link">
        Link 1
      </a>
    </li>
    <li class="nav-item">
      <a class="nav-link dropdown-toggle" href="#"
id="navbarDropdown" role="button" data-toggle="dropdown" >
        Link 2
      </a>
      <div class="dropdown-menu" aria-
labelledby="navbarDropdown">
        <a class="dropdown-item" href="#">SubLink 1</a>
        <a class="dropdown-item" href="#">SubLink 2</a>
        <div class="dropdown-divider"></div>
        <a class="dropdown-item" href="#">SubLink 3</a>
      </div>
    </li>
    <li class="nav-item">
      <a class="nav-link dropdown-toggle" href="#"
id="navbarDropdown" role="button" data-toggle="dropdown" >
        Link 3
      </a>
      <div class="dropdown-menu" aria-
labelledby="navbarDropdown">
        <a class="dropdown-item" href="#">SubLink-1</a>
        <a class="dropdown-item" href="#">SubLink-2</a>
        <div class="dropdown-divider"></div>
        <a class="dropdown-item" href="#">SubLink-3</a>
      </div>
    </li>
  </ul>
  <script
src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.m
in.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstr

```



```
ap.bundle.min.js" integrity="sha384-
Fy6S3B9q64WdZWQUiU+q4/2Lc9npb8tCaSX9FK7E8HnRr0Jz8D60P9d05Vg3Q9ct"
crossorigin="anonymous"></script>
</body>
</html>
```





Question 4.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Carousel</title>
  <link rel="stylesheet"
href="https://cdn.jsdelivrivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
  <style>
    /* Add custom styles here if needed */
    img{
      height: 600px;;
      width: auto;
    }
  </style>
</head>
<body>

<div id="carouselExampleIndicators" class="carousel slide" data-
ride="carousel">
  <ol class="carousel-indicators">
    <li data-target="#carouselExampleIndicators" data-slide-to="0"
class="active"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
  </ol>
  <div class="carousel-inner">
```

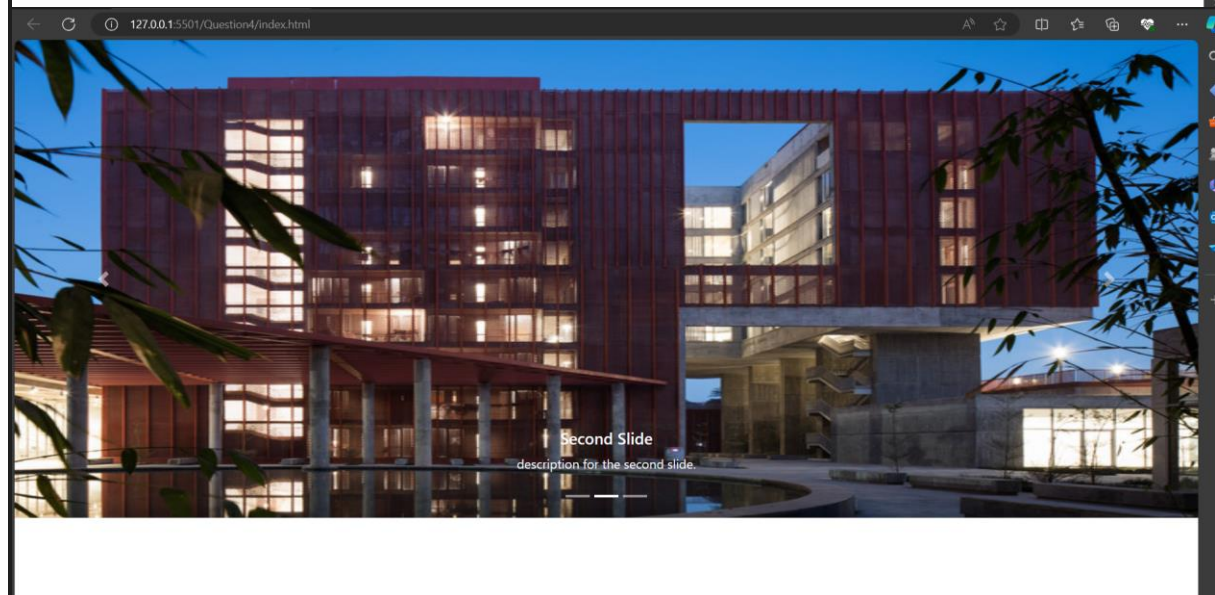
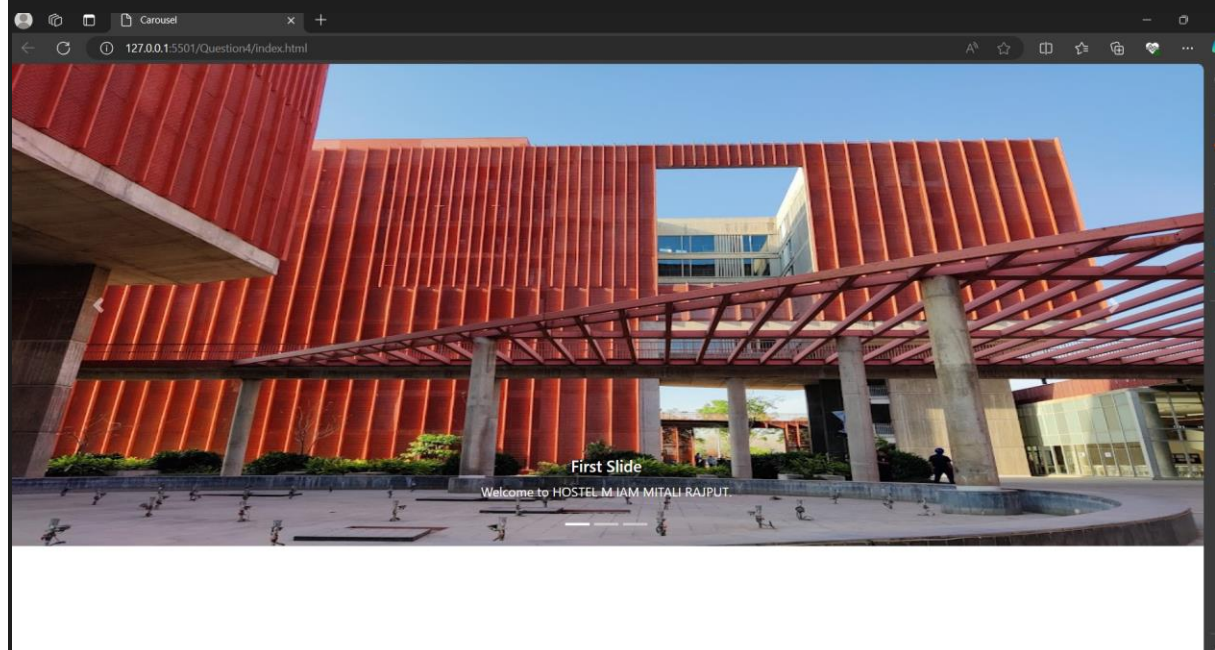
```

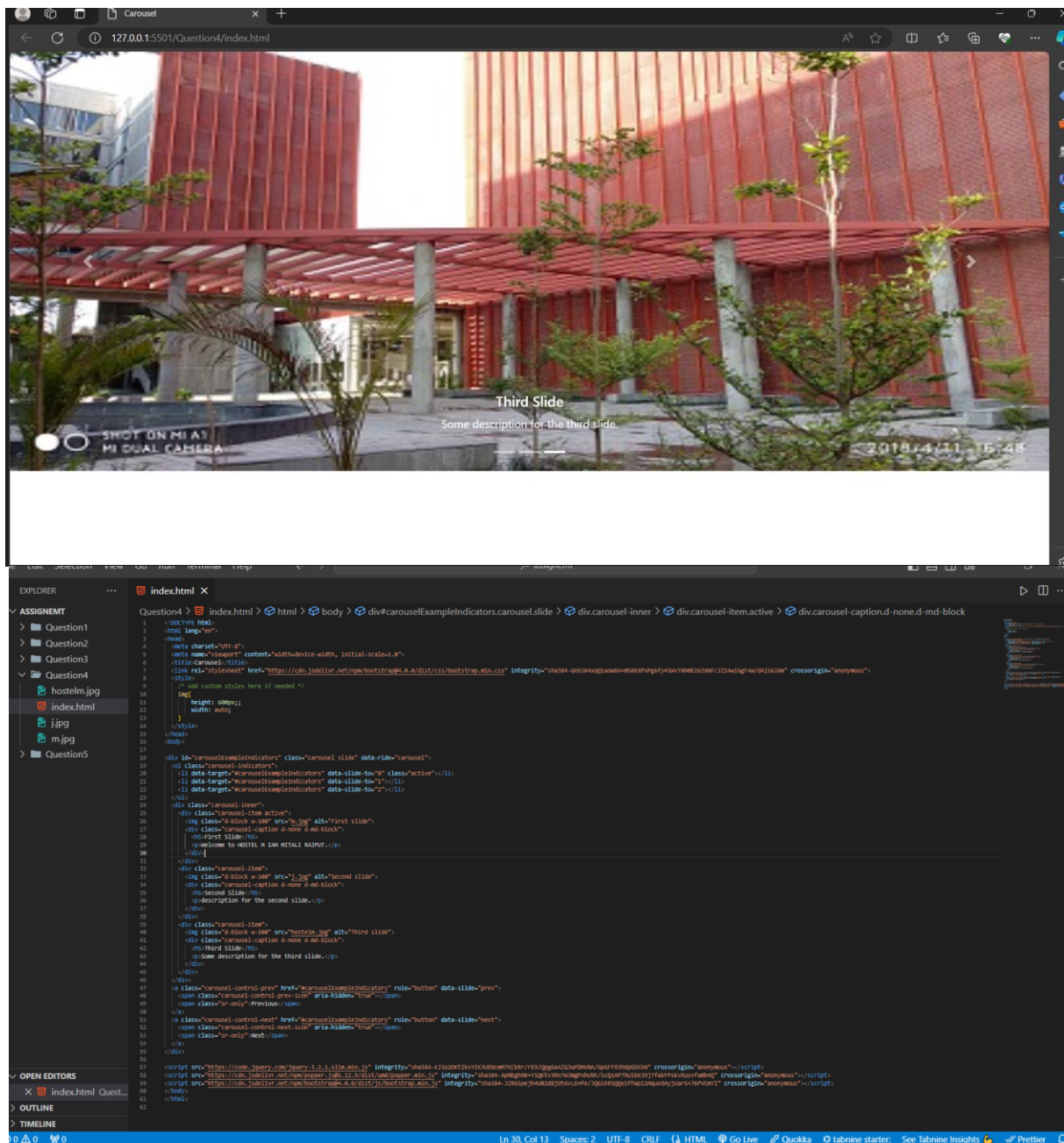
<div class="carousel-item active">
  
  <div class="carousel-caption d-none d-md-block">
    <h5>First Slide</h5>
    <p>Welcome to HOSTEL M IAM MITALI RAJPUT.</p>
  </div>
</div>
<div class="carousel-item">
  
  <div class="carousel-caption d-none d-md-block">
    <h5>Second Slide</h5>
    <p>description for the second slide.</p>
  </div>
</div>
<div class="carousel-item">
  
  <div class="carousel-caption d-none d-md-block">
    <h5>Third Slide</h5>
    <p>Some description for the third slide.</p>
  </div>
</div>
</div>
<a class="carousel-control-prev" href="#carouselExampleIndicators"
role="button" data-slide="prev">
  <span class="carousel-control-prev-icon" aria-hidden="true"></span>
  <span class="sr-only">Previous</span>
</a>
<a class="carousel-control-next" href="#carouselExampleIndicators"
role="button" data-slide="next">
  <span class="carousel-control-next-icon" aria-hidden="true"></span>
  <span class="sr-only">Next</span>
</a>
</div>

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"
integrity="sha384-
KJ3o2DKtIkVYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtV3Rn6W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1"
crossorigin="anonymous"></script>

```

```
</body>  
</html>
```





## QUESTION -5



```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
}

header {
  background-color: #333;
  color: #fff;
  padding: 20px;
  text-align: center;
}

main {
  display: flex;
  flex-wrap: wrap;
  justify-content: center;
}

section {
  background-color: #f7f7f7;
  padding: 20px;
  margin: 20px;
  width: calc(50% - 40px);
}

/* Media queries */

/* Desktop devices (min-width: 1200px) */
@media (min-width: 1200px) {
  #desktop {
    display: block;
  }
  #tablet, #mobile, #landscape, #portrait {
    display: none;
  }
}

/* Tablet devices (min-width: 768px and max-width: 1199px) */
@media (min-width: 768px) and (max-width: 1199px) {
  #tablet {
    display: block;
  }
  #desktop, #mobile, #landscape, #portrait {
    display: none;
  }
}
```

```
/* Mobile devices (max-width: 767px) */
@media (max-width: 767px) {
    #mobile {
        display: block;
    }
    #desktop, #tablet, #landscape, #portrait {
        display: none;
    }
}

/* Landscape orientation */
@media (orientation: landscape) {
    #landscape {
        display: block;
    }
    #portrait {
        display: none;
    }
}

/* Portrait orientation */
@media (orientation: portrait) {
    #portrait {
        display: block;
    }
    #landscape {
        display: none;
    }
}

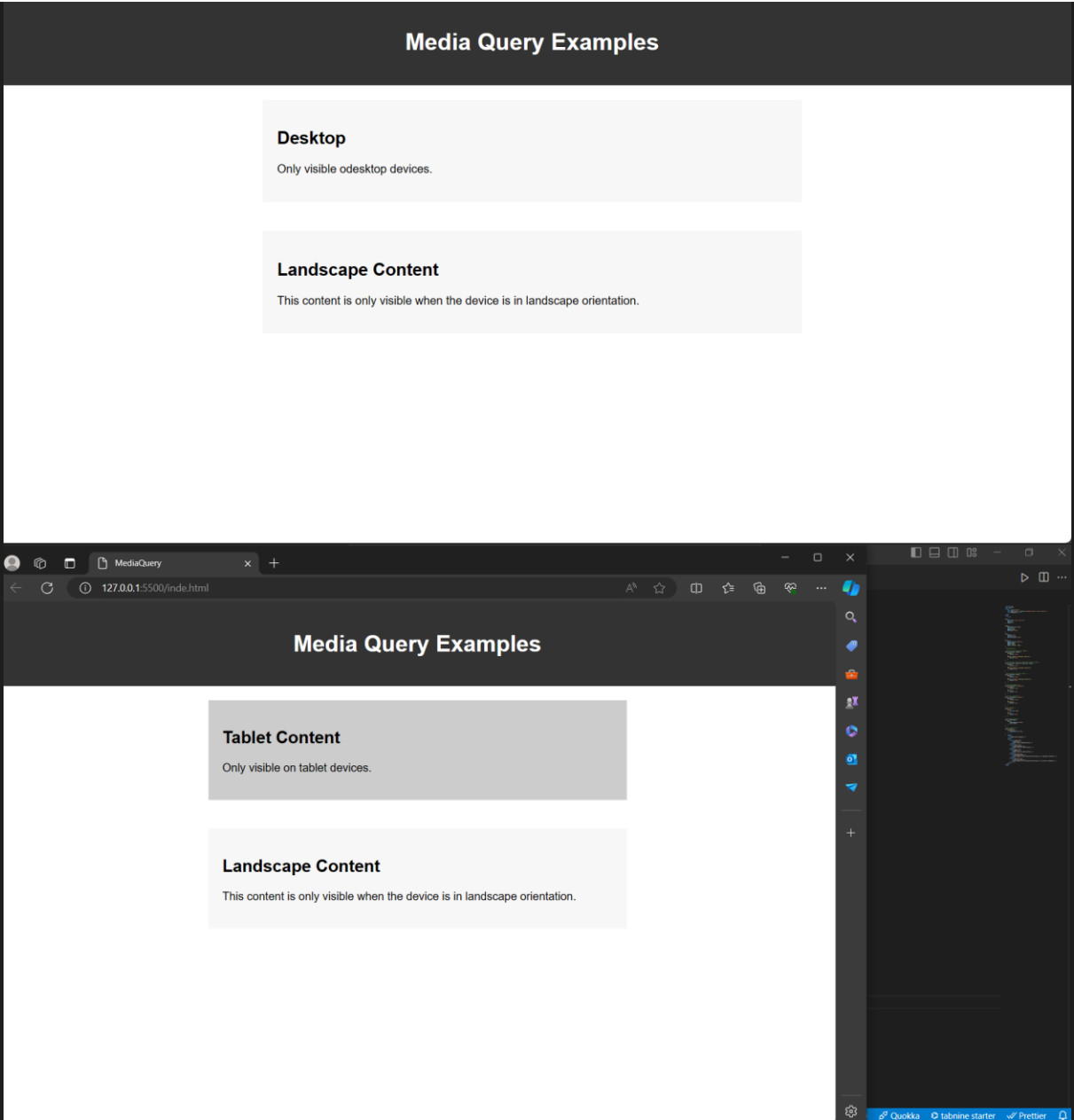
/* Print styles */
@media print {
    body {
        font-size: 14px;
    }
    header {
        display: none;
    }
}

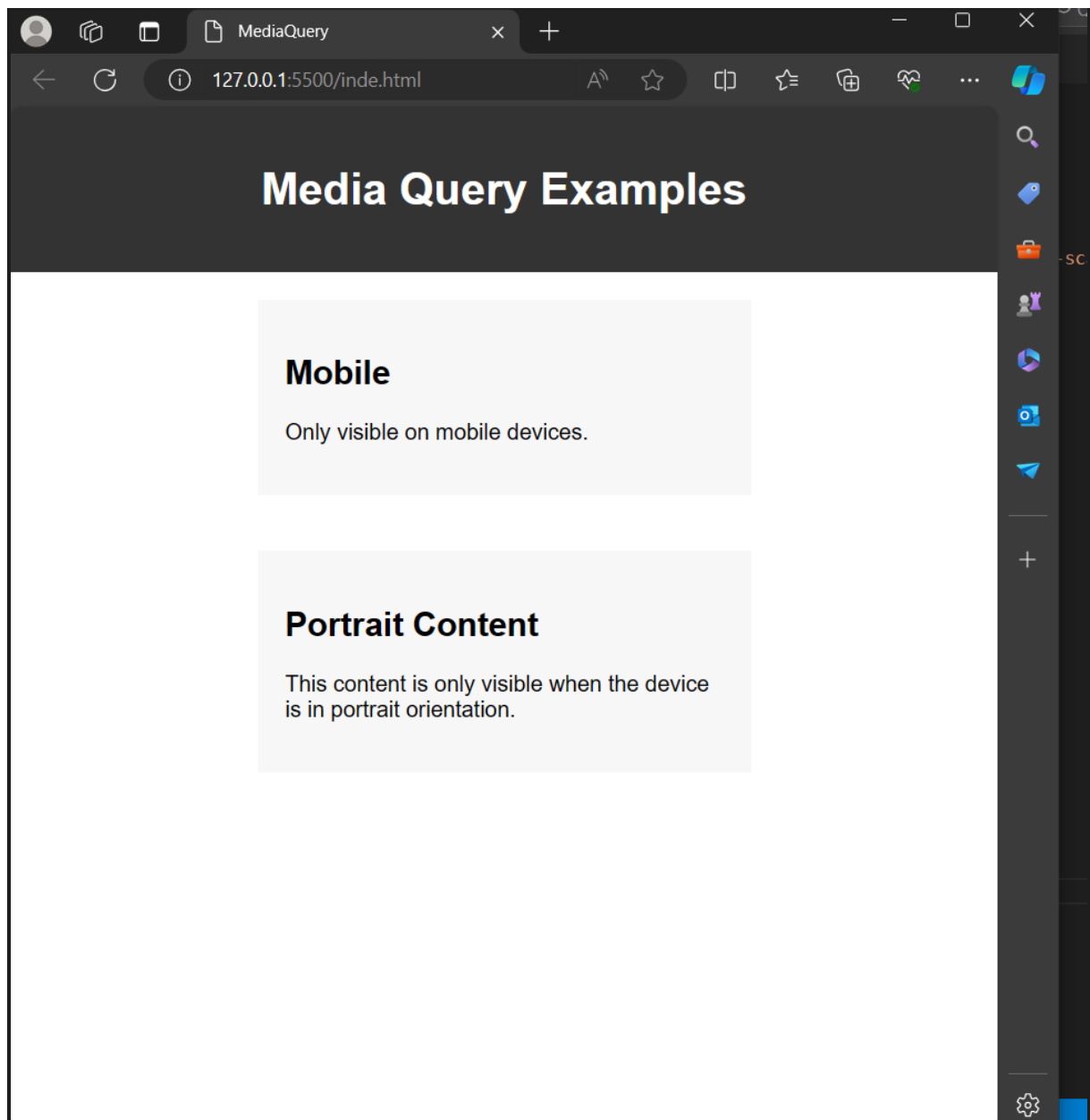
/* Monochrome display */
@media (monochrome) {
    body {
        background-color: #fff;
        color: #000;
    }
}
```

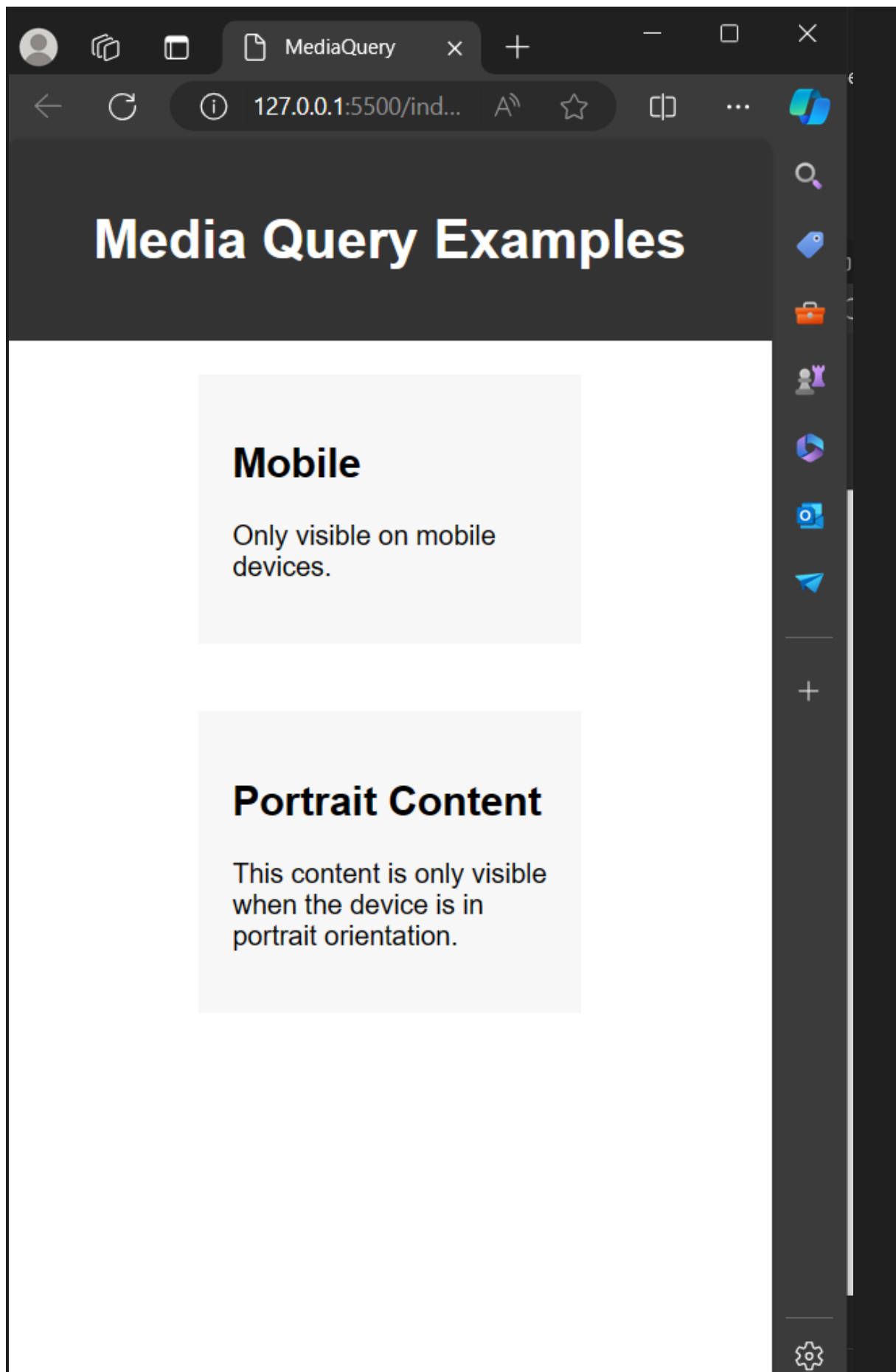
```
/* Hover capability */
@media (hover) {
  section: hover {
    background-color: #ccc;
  }
}

</style>
<header>
  <h1>Media Query Examples</h1>
</header>
<main>
  <section id="desktop">
    <h2>Desktop</h2>
    <p>Only visible on desktop devices.</p>
  </section>
  <section id="tablet">
    <h2>Tablet Content</h2>
    <p>Only visible on tablet devices.</p>
  </section>
  <section id="mobile">
    <h2>Mobile </h2>
    <p>Only visible on mobile devices.</p>
  </section>
  <section id="landscape">
    <h2>Landscape Content</h2>
    <p>This content is only visible when the device is in landscape
orientation.</p>
  </section>
  <section id="portrait">
    <h2>Portrait Content</h2>
    <p>This content is only visible when the device is in portrait
orientation.</p>
  </section>
</main>
</body>
</html>
```









Media queries are a powerful tool in CSS that allow you to apply different styles to your web page based on the characteristics of the device or viewport it's being displayed on. This is crucial for creating responsive web designs that adapt to different screen sizes and devices, ensuring a positive user experience across platforms.

### **Syntax:**

```
@media media_type and (media_feature1: value1) and (media_feature2: value2) {  
  
    Styles to be applied when the media query is true  
  
}
```

- **@media:** This keyword initiates the media query.
- **media\_type:** This specifies the type of media you're targeting (e.g., `screen` for computer monitors, `print` for printing, etc.). It's optional, and if omitted, the query applies to all media types.
- **media\_feature:** This specifies a particular characteristic of the device or viewport you want to check (e.g., `width`, `height`, `orientation`, etc.).
- **value:** This specifies the desired value for the chosen media feature.
- **and:** This is used to combine multiple media features within the same query.

### **Relevance of Media Inquiries:**

**Reactive Web Design:** The cornerstone of responsive web design is media queries. They enable you to adjust your website's design, content, and layout to fit various screen sizes and gadgets, making it the best possible viewing experience across PCs, tablets, smartphones, and other devices.

**Better User Experience:** Media queries make sure that your website is simple to use, read, and navigate on any screen size by adjusting to the user's device. Higher user engagement and satisfaction result from this.

**Accessibility:** Using assistive technologies or changing font sizes, spacing, and other aspects for visitors with various visual skills, you can utilize media queries to make your website more accessible.

**Benefits of SEO:** Responsive websites are preferred by Google and other search engines because they offer better user experience