

# ***Lahore Garrison University***

***DHA Phase 6 Lahore***



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<i><b>Section</b></i>	<i><b>D</b></i>
<i><b>Subject</b></i>	<i><b>Web technologies</b></i>
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## Lab 7

### *Responsive Design — Media Queries & Flexbox + Bootstrap Intro*

#### *Code :*

```
<body>

<!-- Header -->
<header>
  <h1>Welcome to My Personal Page</h1>
  <p>IT REFLECTS MY INTEREST AND INTRODUCTION ABOUT MYSELF...</p>
</header>

<!-- Navigation -->
<nav>
  <ul>
    <li><a href="home.html">Home</a></li>
    <li><a href="aboutme.html">About Me</a></li>
    <li><a href="contactme.html">Contact</a></li>
  </ul>
</nav>

<!-- Main Content -->
<main>
  <article id="about">
    <h2><u><i>About Me</i></u></h2>
    
    <p>Hi! I am Ayesha, a computer science student (5th semester) passionate about coding and designing webpages and websites.</p>
  </article>

  <article id="Hobbies">
    <h2><u><i>Hobbies</i></u></h2>
    <ol>
```

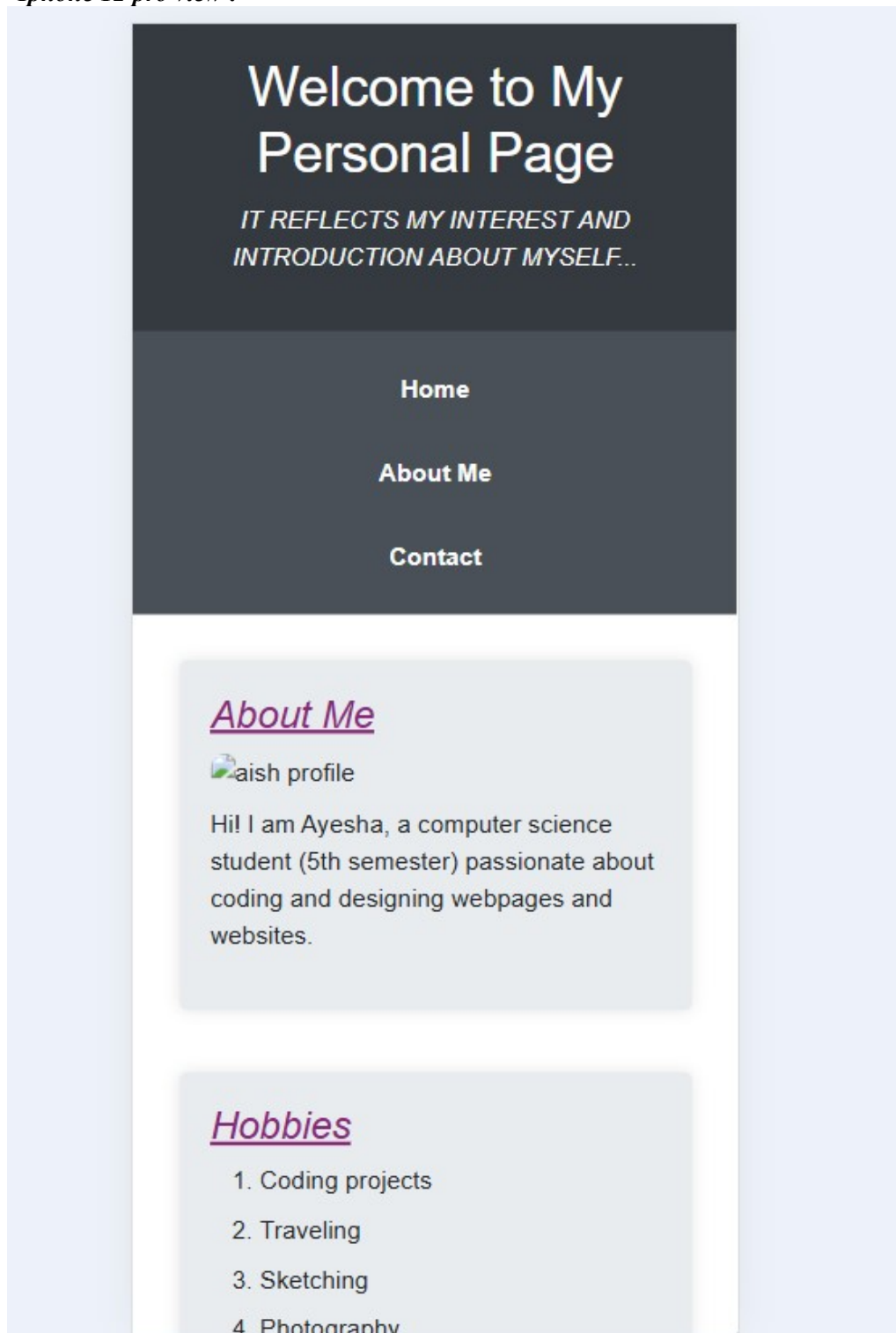
```
<!-- Bootstrap Card Grid for Projects -->
<div class="container my-4">
  <div class="row row-cols-1 row-cols-md-2 row-cols-lg-3 g-4">
    <div class="col">
      <div class="card h-100">
        
        <div class="card-body">
          <h5 class="card-title">Project 1</h5>
          <p class="card-text">Description of Project 1.</p>
        </div>
      </div>
    </div>
    <div class="col">
      <div class="card h-100">
        
        <div class="card-body">
          <h5 class="card-title">Project 2</h5>
          <p class="card-text">Description of Project 2.</p>
        </div>
      </div>
    </div>
    <div class="col">
      <div class="card h-100">
        
        <div class="card-body">
          <h5 class="card-title">Project 3</h5>
          <p class="card-text">Description of Project 3.</p>
        </div>
      </div>
    </div>
  </div>
</div>
```

## CSS CODE :

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <link rel="stylesheet" href="style.css">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>My Personal Webpage</title>
8
9   <!-- Bootstrap CDN -->
10  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
11
12  <style>
13    /* --- Flexbox Layout --- */
14    body {
15      display: flex;
16      flex-direction: column;
17      margin: 0;
18      font-family: Arial, sans-serif;
19      min-height: 100vh;
20    }
21
22    header {
23      background-color: #343a40;
24      color: white;
25      text-align: center;
26      padding: 20px;
27    }
28
29    nav {
30      background-color: #495057;
31    }
32
33    nav ul {
34      display: flex;
35      flex-direction: column; /* Mobile first */
36      list-style: none;
37      margin: 0;
38      padding: 0;
39
40      padding: 15px;
41    }
42
43    /* --- Media Queries --- */
44    @media (min-width: 768px) {
45      nav ul {
46        flex-direction: row;
47        justify-content: center;
48      }
49
50      main {
51        flex-direction: row; /* sidebar + content side by side */
52      }
53
54      article {
55        flex: 2;
56      }
57
58      aside {
59        flex: 1;
60      }
61    }
62  </style>
63 </head>
```

*Responsiveness :*

❖ *Iphone 12 pro view :*



❖ *Ipad air :*



❖ *Asus zenbook :*

