

*Lahore Garrison
University
DHA Phase 6 Lahore*



<i>Student Name</i>	<i>Ayesha Amir</i>
<i>Student Roll No</i>	<i>Fa2023/BSCS/670</i>
<i>Section</i>	<i>D</i>
<i>Subject</i>	<i>Web technologies</i>
<i>Instructor Name</i>	<i>Mr. Muhammad Yousaf</i>

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>
                <li>Hobby 1</li>
                <li>Hobby 2</li>
                <li>Hobby 3</li>
            </ol>
        </article>
    </main>

    <!-- 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
63     </style>
64 </head>
```

Responsiveness :

❖ *Iphone 12 pro view :*

The screenshot shows a mobile-optimized personal website. At the top, a dark header section contains the text "Welcome to My Personal Page" in large white font, followed by "IT REFLECTS MY INTEREST AND INTRODUCTION ABOUT MYSELF..." in smaller white font. Below the header is a navigation bar with three items: "Home", "About Me", and "Contact". The main content area features a light gray background. The first section, titled "About Me", includes a placeholder profile picture icon and a brief introduction: "Hi! I am Ayesha, a computer science student (5th semester) passionate about coding and designing webpages and websites.". The second section, titled "Hobbies", lists four interests: "1. Coding projects", "2. Traveling", "3. Sketching", and "4. Photography".

Welcome to My Personal Page

IT REFLECTS MY INTEREST AND INTRODUCTION ABOUT MYSELF...

Home

About Me

Contact

About Me

Aish profile

Hi! I am Ayesha, a computer science student (5th semester) passionate about coding and designing webpages and websites.

Hobbies

1. Coding projects
2. Traveling
3. Sketching
4. Photography

❖ *Ipad air :*

Welcome to My Personal Page
IT REFLECTS MY INTEREST AND INTRODUCTION ABOUT MYSELF..

[Home](#) [About Me](#) [Contact](#)

About Me

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Project 1
Description of Project 1.



Project 2
Description of Project 2.



Project 3
Description of Project 3.

Favourite Websites

- [W3Schools](#)
- [MDN Docs](#)

❖ *Asus zenbook :*

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Project 1
Description of Project 1.



Project 2
Description of Project 2.



Project 3
Description of Project 3.

Favourite Websites

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- [MDN Docs](#)

Contact me at: ayeshaamir0306@gmail.com
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