

Group A – Practical 1

```
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML Formatting Example</title>
    <style>
        body { background-color: rgb(247, 93, 93); /* Setting background color */ }
        .formatted-text { font-size: 20px; /* Font size */
                        font-style: italic; /* Font style */
                        font-family: Arial, sans-serif; /* Font type */
                        color: white; /* Font color */ }
    </style>
</head>
<body>
    <h1>This is an H1 Heading</h1>
    <h2>This is an H2 Heading</h2>
    <h3>This is an H3 Heading</h3>
    <h4>This is an H4 Heading</h4>
    <h5>This is an H5 Heading</h5>
    <h6>This is an H6 Heading</h6>
    <!-- Formatting Text -->
    <p> This is a paragraph with <strong>bold</strong> text,
    <em>italicized</em> text, and <u>underlined</u> text.
    </p>
</body>
```

```
</html>
```

Output:

This is an H1 Heading

This is an H2 Heading

This is an H3 Heading

This is an H4 Heading

This is an H5 Heading

This is an H6 Heading

*This is a paragraph with **bold** text, italicized text, and underlined text.*

Group A – Practical 2

```
<!DOCTYPE html>

<html lang="en">

<head>

    <title>HTML Lists and Tables Demo</title>

    <style>

        body { font-family: Arial, sans-serif; padding: 20px; background: #eef2f7; color: #333; }

        h2 { color: #4000ff; }

        ul, ol { margin-left: 30px; }

        ul ul, ol ol { margin-left: 20px; }

        dl { margin: 20px 0; }

        dt { font-weight: bold; margin-top: 10px; }

        dd { margin-left: 15px; }

        table { width: 75%; margin: 20px auto; border-collapse: collapse; background-color: #fff; }

        th, td { border: 1px solid #000000; padding: 12px; text-align: center; }

        th { background-color: #c30f7e; color: #fff; }

        tr:nth-child(even) { background-color: #f7faff; }

        tr:hover { background-color: #e0f2ff; }

        .highlight { background-color: #25f7d8; }

        a.placeholder.com/150') center/cover; color: white; height: 70px; }

    </style>

</head>

<body>

    <h2>Unordered List (UL)</h2>

    <ul>

        <li>HTML</li>

        <li>CSS</li>

        <li>JavaScript

            <ul>
```

```
<li>React</li>
<li>Angular</li>
</ul>
</li>
</ul>
<h2>Ordered List (OL)</h2>
<ol>
<li>Intro to Programming</li>
<li>Data Structures</li>
<li>Algorithms
<ol type="a">
<li>Sorting</li>
<li>Searching</li>
</ol>
</li>
</ol>
<h2>Definition List (DL)</h2>
<dl>
<dt>HTML</dt>
<dd>Markup language for web pages.</dd>
<dt>CSS</dt>
<dd>Used for styling web content.</dd>
<dt>JavaScript</dt>
<dd>Makes web pages interactive.</dd>
</dl>
<h2>Course Details Table</h2>
<table>
<tr><th colspan="3">Course Information</th></tr>
<tr><th>Course</th><th>Duration</th><th>Fee</th></tr>
<tr><td rowspan="2">Web Development</td><td>3 Months</td><td
class="highlight">₹5000</td></tr>
```

```

<tr><td>6 Months</td><td class="highlight">₹9000</td></tr>

<tr><td class="image-cell" rowspan="2">Data Science</td><td>4 Months</td><td class="highlight">₹12000</td></tr>

<tr><td>6 Months</td><td class="highlight">₹18000</td></tr>

<tr><td colspan="3">Contact us for more info</td></tr>

</table>

</body>

</html>

```

Output:

Course Details Table		
Course Information		
Course	Duration	Fee
Web Development	3 Months	₹5000
Data Science	6 Months	₹9000
	4 Months	₹12000
	6 Months	₹18000
Contact us for more info		

Unordered List (UL)

- HTML
- CSS
- JavaScript
 - React
 - Angular

Ordered List (OL)

1. Intro to Programming
2. Data Structures
3. Algorithms
 - a. Sorting
 - b. Searching

Definition List (DL)

- HTML
Markup language for web pages.
- CSS
Used for styling web content.
- JavaScript
Makes web pages interactive.

Group A – Practical 3

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Class Timetable</title>
<style>
body {
    font-family: Arial, sans-serif;
    background-color: #f0f0f0;
    padding: 20px;
}
table {
    width: 80%;
    margin: 0 auto;
    border-collapse: collapse;
    background-color: #fff;
}
th, td {
    border: 2px solid #333;
    text-align: center;
    padding: 10px;
}
th {
    background-color: #000000; /* Header bg color */
    color: white;
}
```

```
td {
    font-size: 16px;
}

.subject {
    background-color: #d6d6d6;
}

.break {
    background-color: #bddce3;
}

.highlight {
    background-color: #deb3b3;
}


```

</style>

</head>

<body>

<h1>Class Timetable</h1>

<table>

<!-- Table Header Row -->

<tr>

<th>Day</th>

<th>10:30 - 11:30</th>

<th>11:30 - 12:30</th>

<th>12:30 - 01:30</th>

<th>01:30 - 02:15</th>

<th>02:15 - 03:15</th>

<th>03:15 - 04:15</th>

<th>04:15 - 05:15</th>

</tr>

<!-- Monday Row -->

<tr>

<td>Monday</td>

```

<td class="subject">DSGT</td>
<td class="subject">OE-1 (DE)</td>
<td class="subject">EVS</td>
<td rowspan="6" class="highlight">RECESS</td> <!-- rowspan -->
<td class="break" colspan="2">S3-CEPL & S4-DELDL</td> <!-- colspan -->
<td class="subject"></td>
</tr>
<!-- Tuesday Row -->
<tr>
<td>Tuesday</td>
<td class="subject">DSGT</td>
<td class="subject">OE-1 (DE)</td>
<td class="subject">DELD</td>
<td class="break" colspan="2"> S2- DSL & S4-CEPL </td> <!-- colspan -->
<td class="subject">EVS</td>
</tr>
<!-- Wednesday Row -->
<tr>
<td>Wednesday</td>
<td class="subject">DSGT</td>
<td class="subject">OE-1 (DE)</td>
<td class="subject">DELD</td>
<td class="break" colspan="2"> S1-CEPL & S2- DELDL & S3- DSL</td> <!-- colspan -->
<td class="subject">DS</td>
</tr>
<!-- Thursday Row -->
<tr>
<td>Thursday</td>
<td class="subject">MDM-1 (DS & TOOLS) </td>
<td class="subject">OE-1 (DE)</td>
<td class="subject">DS</td>

```

```

<td class="break" colspan="2"> S1- DELDL & S2- CEPL & S4- DSL</td> <!-- colspan -->
<td class="subject">DSGT</td>

</tr>
<!-- Friday Row -->

<tr>
<td>Friday</td>
<td class="subject">MDM-1 (DS & TOOLS) </td>
<td class="subject">PFM</td>
<td class="subject">DS</td>
<td class="break" colspan="2">S1- DSL & S3- DELDL</td> <!-- colspan -->
<td class="subject"></td>
<!-- Friday Row -->

<tr>
<td>Saturday</td>
<td class="subject"></td>
<td class="subject"></td>
<td class="subject"></td>
<td class="break" colspan="2"></td> <!-- colspan -->
<td class="subject"></td>

</table>
</body>
</html>

```

Output:

Class Timetable

Day	10:30 - 11:30	11:30 - 12:30	12:30 - 01:30	01:30 - 02:15	02:15 - 03:15	03:15 - 04:15	04:15 - 05:15
Monday	DSGT	OE-1 (DE)	EVS	RECESS	S3-CEPL & S4-DELDL		
Tuesday	DSGT	OE-1 (DE)	DELD		S2- DSL & S4-CEPL	EVS	
Wednesday	DSGT	OE-1 (DE)	DELD		S1-CEPL & S2- DELDL & S3- DSL	DS	
Thursday	MDM-1 (DS & TOOLS)	OE-1 (DE)	DS		S1- DELDL & S2- CEPL & S4- DSL	DSGT	
Friday	MDM-1 (DS & TOOLS)	PFM	DS		S1- DSL & S3- DELDL		
Saturday							

Group A – Practical 5

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>CSS Demonstration</title>
<!-- External CSS File -->
<link rel="stylesheet" href="styles.css">
<!-- Internal CSS -->
<style>
body {
    background-color: #f5f5f5;
    font-family: 'Arial', sans-serif;
    margin: 0;
    padding: 0;
}
header {
    background-color: #007bff;
    color: white;
    text-align: center;
    padding: 20px;
    animation: slideDown 0.5s ease-out;
}
```

```
@keyframes slideDown {  
    from { opacity: 0; transform: translateY(-30px); }  
    to { opacity: 1; transform: translateY(0); }  
}  
  
.container {  
    max-width: 700px;  
    margin: 30px auto;  
    padding: 25px;  
    background-color: #ffffff;  
    border-radius: 10px;  
    box-shadow: 0 6px 12px rgba(0, 0, 0, 0.1);  
    animation: fadeIn 0.5s ease-in-out;  
}  
  
@keyframes fadeIn {  
    from { opacity: 0; }  
    to { opacity: 1; }  
}  
  
.internal-style {  
    color: #ff6347;  
    font-size: 18px;  
    text-align: center;  
    margin: 15px 0;  
}  
  
.external-style {  
    color: #28a745;  
    font-size: 20px;
```

```
text-align: center;  
margin: 15px 0;  
}  
  
p.inline-style {  
color: #2c337d;  
font-weight: bold;  
}  
  
.btn {  
display: inline-block;  
padding: 12px 25px;  
background-color: #dc3545;  
color: #fff;  
border: none;  
border-radius: 5px;  
cursor: pointer;  
transition: transform 0.2s ease, background-color 0.3s ease;  
}  
  
.btn:hover {  
background-color: #c82333;  
transform: translateY(-3px);  
}  
  
footer {  
background-color: #343a40;  
color: #f8f9fa;  
text-align: center;  
padding: 15px;
```

```
    margin-top: 20px;  
}  
  
@media (max-width: 768px) {  
    .container { width: 90%; }  
    .btn { width: 100%; }  
}  
  
</style>  
  
</head>  
  
<body>  
    <!-- Header Section -->  
    <header>  
        <h1>CSS Styling Demonstration</h1>  
    </header>  
    <!-- Content Container -->  
    <div class="container">  
        <h2>Welcome to My Website</h2>  
        <p>This page demonstrates the usage of inline, internal, and external  
        stylesheets.</p>  
        <!-- Internal CSS Example -->  
        <p class="internal-style">This text is styled using internal CSS.</p>  
        <!-- Inline CSS Example -->  
        <p class="inline-style">This text is styled using inline CSS.</p>  
        <!-- External CSS Example -->  
        <p class="external-style">This text is styled using external CSS.</p>  
        <!-- Button Example -->  
        <button class="btn">Click Me</button>  
    </div>
```

```
<!-- Footer -->
<footer>
  <p>&copy; 2024 My Website. All rights reserved.</p>
</footer>
</body>
</html>
```

Output:

CSS Styling Demonstration

Welcome to My Website

This page demonstrates the usage of inline, internal, and external stylesheets.

This text is styled using internal CSS.

This text is styled using inline CSS.

This text is styled using external CSS.

Click Me

© 2024 My Website. All rights reserved.

Group B – Practical 1

```
<!DOCTYPE html>

<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CSS Demonstration</title>
    <!-- Link to external CSS file -->
    <link rel="stylesheet" href="styles.css">
    <style>
        /* Internal CSS */
        body {
            font-family: Arial, sans-serif;
            background-color: #f3f4f6;
            margin: 20px;
            line-height: 1.6;
            color: #333;
        }
        h1 {
            color: #ff1b1ba4;
            text-align: center;
            margin-bottom: 30px;
        }
        .content {
            background-color: #ffffff;
            border: 2px solid #000000;
            padding: 25px;
            border-radius: 8px;
            margin-bottom: 30px;
        }
    </style>

```

```
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
}  
  
ol {  
    margin-top: 15px;  
    padding-left: 25px;  
}  
  
.ordered-list li {  
    margin-bottom: 8px;  
}  
  
/* Styles for the table section */  
  
.table-section {  
    background-color: #eaf4fc;  
    border: 2px solid #000000;  
    border-radius: 10px;  
    padding: 20px;  
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
}  
  
table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-top: 20px;  
}  
  
table, th, td {  
    border: 1px solid #000000;  
    text-align: left;  
}  
  
th, td {  
    padding: 15px;  
}  
  
th {  
    background-color: #000000;  
    color: white;  
    font-weight: bold;  
    text-align: center;  
    font-size: 1.2em;  
}  
  
th:after {  
    content: attr(data-th);  
}
```

```
        color: #ffffff;
        text-transform: uppercase;
    }

    tr:nth-child(even) {
        background-color: #f9f9f9;
    }

    tr:hover {
        background-color: #e0f7fa;
    }

    @media (max-width: 768px) {
        .content, .table-section {
            padding: 15px;
        }

        th, td {
            padding: 10px;
        }
    }
}

</style>

</head>

<body>

    <h1>CSS Styling Demonstration</h1>

    <!-- Content Section with Internal Styling -->

    <div class="content">

        <h2>Ordered List Example</h2>

        <ol class="ordered-list">

            <li>HTML Basics</li>
            <li>CSS Styling</li>
            <li>JavaScript Fundamentals</li>
            <li>Responsive Design</li>
        </ol>
    </div>

```

```
<!-- Table Section with External Styling -->
<div class="table-section">
    <h2>Sample Table</h2>
    <table>
        <tr>
            <th>Name</th>
            <th>Age</th>
            <th>Country</th>
        </tr>
        <tr>
            <td>shiv</td>
            <td>25</td>
            <td>USA</td>
        </tr>
        <tr>
            <td>tejas</td>
            <td>30</td>
            <td>India</td>
        </tr>
        <tr>
            <td>yash</td>
            <td>22</td>
            <td>UK</td>
        </tr>
    </table>
</div>
</body>
</html>
```

Output:

CSS Styling Demonstration

Ordered List Example

1. HTML Basics
2. CSS Styling
3. JavaScript Fundamentals
4. Responsive Design

Sample Table

NAME	AGE	COUNTRY
shiv	25	USA
tejas	30	India
yash	22	UK

Group B – Practical 2

```
<!DOCTYPE html>

<html lang="en">

<head>
    <title>Bootstrap Webpage</title>
    <!-- Bootstrap CDN -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
</head>

<body>
    <!-- Navigation Bar -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
        <div class="container-fluid">
            <a class="navbar-brand" href="#">Albatross strap</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link active" href="#">Home</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="#">About</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="#">Services</a>
                    </li>
```

```
<li class="nav-item">
    <a class="nav-link" href="#">Contact</a>
</li>
</ul>
</div>
</div>
</nav>

<!-- Jumbotron Section --&gt;
&lt;div class="jumbotron bg-primary text-white text-center py-5"&gt;
    &lt;div class="container"&gt;
        &lt;h1 class="display-4"&gt;Welcome to Albatross strap&lt;/h1&gt;
        &lt;p class="lead"&gt;This is a simple, responsive Bootstrap webpage.&lt;/p&gt;
        &lt;a href="#" class="btn btn-light btn-lg"&gt;Learn More&lt;/a&gt;
    &lt;/div&gt;
&lt;/div&gt;

<!-- Content Section --&gt;
&lt;div class="container my-5"&gt;
    &lt;div class="row"&gt;
        &lt;div class="col-md-4"&gt;
            &lt;h3&gt;Albatross Creation&lt;/h3&gt;
            &lt;p&gt;Discover the power of Bootstrap to create responsive, mobile-first web projects.&lt;/p&gt;
        &lt;/div&gt;
        &lt;div class="col-md-4"&gt;
            &lt;h3&gt;Albatross for Projects&lt;/h3&gt;
            &lt;p&gt;Enjoy flexible components, utilities, and themes for every web project.&lt;/p&gt;
        &lt;/div&gt;
        &lt;div class="col-md-4"&gt;
            &lt;h3&gt;Albatross Layouts&lt;/h3&gt;
            &lt;p&gt;Build amazing layouts quickly with Bootstrap's built-in grid system.&lt;/p&gt;
        &lt;/div&gt;
    &lt;/div&gt;
&lt;/div&gt;</pre>
```

```
</div>

<!-- Footer Section -->
<footer class="bg-dark text-white text-center py-3">
  <p>&copy; Albatross strap. All Rights Reserved.</p>
</footer>

<!-- Bootstrap JS Bundle with Popper -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
```

Output:

The screenshot shows a mobile-responsive website layout. At the top, there's a dark navigation bar with the brand name "Albatross strap" on the left and a three-line menu icon on the right. Below the nav bar is a large blue header section containing the main title "Welcome to Albatross strap" and a subtitle "This is a simple, responsive Bootstrap webpage." A "Learn More" button is centered in this section. The main content area below the header has a white background and features three columns of text. The first column is titled "Albatross Creation" and describes the power of Bootstrap for creating responsive projects. The second column is titled "Albatross for Projects" and highlights flexible components and themes. The third column is titled "Albatross Layouts" and emphasizes the ease of building layouts with Bootstrap's grid system. The overall design is clean and modern, utilizing Bootstrap's styling and layout tools.

Albatross Creation

Discover the power of Bootstrap to create responsive, mobile-first web projects.

Albatross for Projects

Enjoy flexible components, utilities, and themes for every web project.

Albatross Layouts

Build amazing layouts quickly with Bootstrap's built-in grid system.

Group B – Practical 3

```
<!DOCTYPE html>

<html lang="en">
<head>
    <title>Responsive Grid Layout</title>
    <!-- Bootstrap CDN -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
    <style>
        .bg-primary-custom {
            background-color: #4a90e2; /* Custom light blue */
            color: white;
        }
        .bg-secondary-custom {
            background-color: #7f8c8d; /* Custom gray */
            color: white;
        }
        .bg-success-custom {
            background-color: #27ae60; /* Custom green */
            color: white;
        }
        .bg-warning-custom {
            background-color: #f39c12; /* Custom orange */
            color: black;
        }
        .bg-danger-custom {
            background-color: #c0392b; /* Custom red */
            color: white;
        }
    </style>

```

```
}

.bg-info-custom {
    background-color: #16a085; /* Custom teal */
    color: white;
}

.bg-dark-custom {
    background-color: #2c3e50; /* Custom navy */
    color: white;
}

.bg-light-custom {
    background-color: #ecf0f1; /* Custom light gray */
    color: black;
}

</style>

</head>

<body>

<div class="container my-5">

    <h2 class="text-center mb-5">Responsive Multi-Column Layout</h2>

    <!-- Row 1: 3 Equal Columns -->

    <div class="row mb-4">

        <div class="col-sm-12 col-md-4 col-lg-4 bg-primary-custom p-4">
            <h4>Column 1</h4>
            <p>This column takes full width on small screens, half on medium, and one-third on large screens.</p>
        </div>

        <div class="col-sm-12 col-md-4 col-lg-4 bg-secondary-custom p-4">
            <h4>Column 2</h4>
            <p>Use Bootstrap's grid system to control layout on different devices.</p>
        </div>

        <div class="col-sm-12 col-md-4 col-lg-4 bg-success-custom p-4">
            <h4>Column 3</h4>
        </div>
    </div>
</div>
```

```
<p>Adjusts seamlessly as the viewport size changes.</p>
</div>

</div>

<!-- Row 2: Mixed Column Sizes -->

<div class="row mb-4">
  <div class="col-sm-12 col-md-6 col-lg-8 bg-warning-custom p-4">
    <h4>Column 1 (Wide)</h4>
    <p>This column spans 6 on medium screens and 8 on large screens.</p>
  </div>
  <div class="col-sm-12 col-md-6 col-lg-4 bg-danger-custom p-4">
    <h4>Column 2 (Narrow)</h4>
    <p>This column spans 6 on medium screens and 4 on large screens.</p>
  </div>
</div>

<!-- Row 3: Offset Example -->

<div class="row mb-4">
  <div class="col-sm-12 col-md-4 offset-md-2 bg-info-custom p-4">
    <h4>Offset Column</h4>
    <p>Uses offset to center content on medium and larger screens.</p>
  </div>
  <div class="col-sm-12 col-md-4 bg-dark-custom p-4">
    <h4>Regular Column</h4>
    <p>This column adjusts its size based on screen width.</p>
  </div>
</div>

<!-- Row 4: Full-width Column -->

<div class="row mb-4">
  <div class="col-12 bg-light-custom p-4 text-center">
    <h4>Full-Width Column</h4>
    <p>This column spans the entire width of the container, regardless of screen size.</p>
  </div>
</div>
```

```
</div>  
</div>  
<!-- Bootstrap JS Bundle with Popper -->  
<script  
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>  
</body>  
</html>
```

Output:

Responsive Multi-Column Layout

Column 1 This column takes full width on small screens, half on medium, and one-third on large screens.	Column 2 Use Bootstrap's grid system to control layout on different devices.	Column 3 Adjusts seamlessly as the viewport size changes.
---	--	---

Column 1 (Wide) This column spans 6 on medium screens and 8 on large screens.	Column 2 (Narrow) This column spans 6 on medium screens and 4 on large screens.
---	---

Offset Column Uses offset to center content on medium and larger screens.	Regular Column This column adjusts its size based on screen width.
---	--

Full-Width Column This column spans the entire width of the container, regardless of screen size.

Akshay Satilal Patil

2341036

Group B – Practical 5

```
<a class="nav-link dropdown-toggle" href="#" id="aboutDropdown" role="button"
data-bs-toggle="dropdown" aria-expanded="false">
    About
</a>

<ul class="dropdown-menu" aria-labelledby="aboutDropdown">
    <li><a class="dropdown-item" href="#">Our Team</a></li>
    <li><a class="dropdown-item" href="#">History</a></li>
    <li><a class="dropdown-item" href="#">Careers</a></li>
</ul>
</li>

<li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" href="#" id="servicesDropdown" role="button"
data-bs-toggle="dropdown" aria-expanded="false">
        Services
</a>
<ul class="dropdown-menu" aria-labelledby="servicesDropdown">
    <li><a class="dropdown-item" href="#">Web Development</a></li>
    <li><a class="dropdown-item" href="#">App Development</a></li>
    <li><a class="dropdown-item" href="#">SEO Optimization</a></li>
</ul>
</li>

<li class="nav-item">
    <a class="nav-link" href="#">Contact</a>
</li>
</ul>

<!-- Search Box -->
<form class="d-flex" role="search">
    <input class="form-control me-2" type="search" placeholder="Search" aria-
label="Search">
    <button class="btn btn-outline-light" type="submit">Search</button>
</form>
</div>
```

```
</div>

</nav>

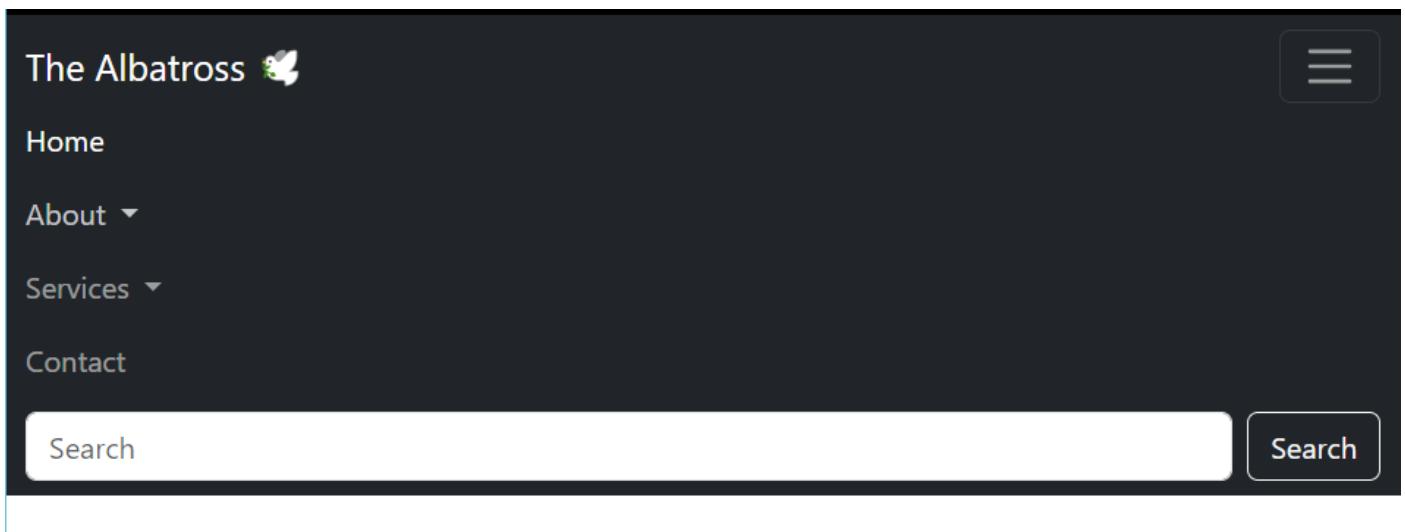
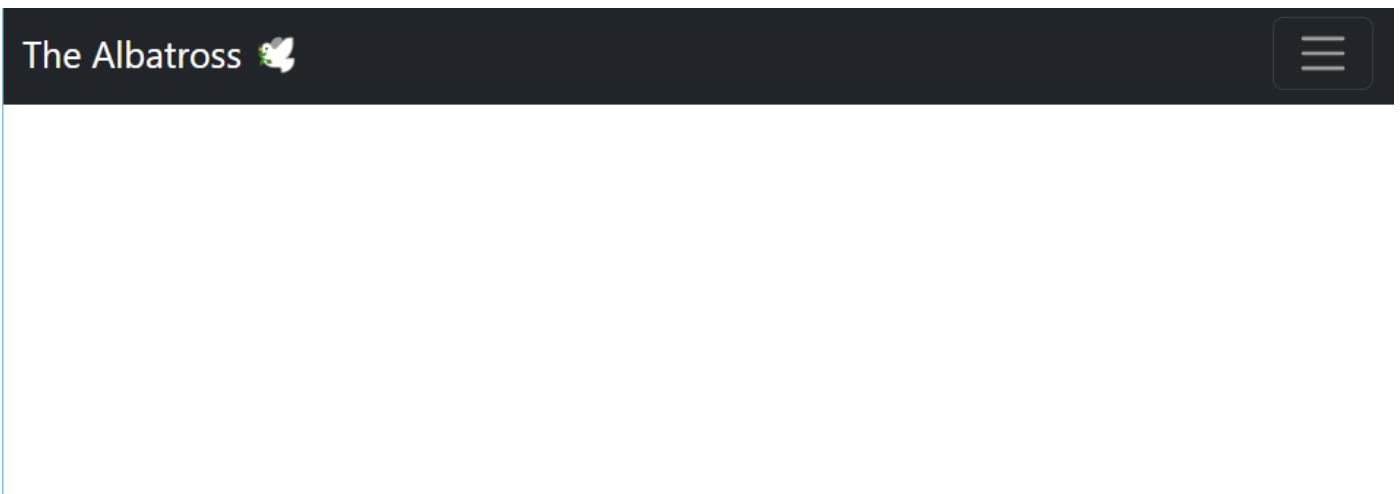
<!-- Bootstrap JS Bundle with Popper -->

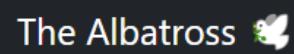
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>
```

Output:





Home

About ▾

Our Team

History

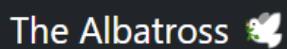
Careers

Services ▾

Contact

Search

Search



Home

About ▾

Services ▾

Web Development

App Development

SEO Optimization

Contact

Search

Search

Group B – Practical 6

```
<!DOCTYPE html>

<html lang="en">

<head>
    <title>Portfolio Page</title>
    <!-- Bootstrap CSS CDN -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
    <style>
        /* Header Styling */
        header {
            background: linear-gradient(135deg, #000000, #000000);
        }

        /* Card Image Styling */
        .card img {
            object-fit: cover;
            height: 200px;
        }

        /* Card Hover Effect */
        .card:hover {
            transform: scale(1.03);
            transition: all 0.3s ease-in-out;
            box-shadow: 0 5px 15px rgba(0, 0, 0, 0.2);
        }

        /* Footer Styling */
        footer {

```

```
background: linear-gradient(135deg, #1c1c1c, #333);  
}  
  
footer p {  
    margin: 0;  
}  
  
.container {  
    max-width: 1200px;  
}  
</style>  
</head>  
<body>  
    <!-- Header -->  
    <header class="text-white text-center py-5">  
        <h1>Albatross's Portfolio</h1>  
        <p>Check out some of my latest projects below</p>  
    </header>  
  
    <!-- Portfolio Section -->  
    <div class="container my-5">  
        <!-- Card Group (Row of Cards) -->  
        <div class="card-group mb-5">  
            <div class="card">  
                  
                <div class="card-body">  
                    <h5 class="card-title">Project 1</h5>  
                    <p class="card-text">A brief description of Project 1.</p>  
                    <a href="#" class="btn btn-primary">View Details</a>  
                </div>  
            </div>  
        </div>
```

```
<div class="card">
  
  <div class="card-body">
    <h5 class="card-title">Project 2</h5>
    <p class="card-text">A brief description of Project 2.</p>
    <a href="#" class="btn btn-primary">View Details</a>
  </div>
</div>

<div class="card">
  
  <div class="card-body">
    <h5 class="card-title">Project 3</h5>
    <p class="card-text">A brief description of Project 3.</p>
    <a href="#" class="btn btn-primary">View Details</a>
  </div>
</div>

</div>

<!-- Card Deck (Mixed Columns) -->
<div class="row row-cols-1 row-cols-md-2 row-cols-lg-3 g-4 mb-5">
  <div class="col">
    <div class="card h-100">
      
      <div class="card-body">
        <h5 class="card-title">Project 4</h5>
        <p class="card-text">Description with longer text to demonstrate card height adjustment.</p>
        <a href="#" class="btn btn-secondary">Learn More</a>
      </div>
    </div>
  </div>
</div>
```

```
<div class="col">
  <div class="card h-100">
    
    <div class="card-body">
      <h5 class="card-title">Project 5</h5>
      <p class="card-text">An overview of Project 5.</p>
      <a href="#" class="btn btn-secondary">Learn More</a>
    </div>
  </div>
</div>

<div class="col">
  <div class="card h-100">
    
    <div class="card-body">
      <h5 class="card-title">Project 6</h5>
      <p class="card-text">An overview of Project 6.</p>
      <a href="#" class="btn btn-secondary">Learn More</a>
    </div>
  </div>
</div>

</div>

<!-- Single Card with Center Alignment -->
<div class="d-flex justify-content-center">
  <div class="card text-center" style="width: 25rem;">
    
    <div class="card-body">
      <h5 class="card-title">Special Project</h5>
      <p class="card-text">A feature project that deserves special attention.</p>
      <a href="#" class="btn btn-success">View Project</a>
    </div>
  </div>
</div>
```

```

        </div>
    </div>
</div>

<!-- Footer -->
<footer class="text-white text-center py-4">
    <p>&copy; 2024 Albatross's Portfolio. All rights reserved.</p>
</footer>

<!-- Bootstrap JS Bundle with Popper -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>

```

Output:

The screenshot displays the 'Albatross's Portfolio' website. At the top, a dark header bar features the title 'Albatross's Portfolio' in white text, followed by a subtitle 'Check out some of my latest projects below'. Below the header is a grid of project cards arranged in three rows. The first row contains three cards, each labeled 'Project 1', 'Project 2', and 'Project 3', with placeholder text and a 'View Details' button. The second row contains three cards, labeled 'Project 4', 'Project 5', and 'Project 6', also with placeholder text and a 'Learn More' button. The third row contains a single card labeled 'Special Project' with placeholder text and a 'View Project' button. Each card has a large gray placeholder image at the top and a white content area below.

Group B – Practical 7

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Modal, Alerts, and Toasts</title>

    <!-- Bootstrap CSS -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">

    <style>

        /* Custom Toast Position */

        .toast-container {
            position: fixed;
            top: 1rem;
            right: 1rem;
            z-index: 1050;
        }
    </style>

</head>

<body>

    <div class="container my-5">

        <h1 class="text-center mb-4">Modal with Alerts and Toasts</h1>

        <!-- Button to Trigger Modal -->

        <button type="button" class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#actionModal">

            Open Modal
        </button>

        <!-- Modal -->
```

```
<div class="modal fade" id="actionModal" tabindex="-1" aria-labelledby="actionModalLabel" aria-hidden="true">

    <div class="modal-dialog">

        <div class="modal-content">

            <div class="modal-header">

                <h5 class="modal-title" id="actionModalLabel">Confirm Your Action</h5>

                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

            </div>

            <div class="modal-body">

                Are you sure you want to proceed with this action?

            </div>

            <div class="modal-footer">

                <button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Cancel</button>

                <button type="button" class="btn btn-success" id="confirmAction">Confirm</button>

            </div>

        </div>

    </div>

    <!-- Alert Section -->

    <div id="alertPlaceholder" class="mt-4"></div>

</div>

<!-- Toast Container -->

<div class="toast-container">

    <div id="userToast" class="toast align-items-center text-bg-success border-0" role="alert" aria-live="assertive" aria-atomic="true">

        <div class="d-flex">

            <div class="toast-body">

                Action successfully completed!

            </div>

            <button type="button" class="btn-close btn-close-white me-2 m-auto" data-bs-dismiss="toast" aria-label="Close"></button>

        </div>

    </div>

</div>
```

```
</div>
</div>
</div>
<!-- Bootstrap JS Bundle with Popper -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
<script>
// Get references to elements

const confirmActionButton = document.getElementById('confirmAction');

const alertPlaceholder = document.getElementById('alertPlaceholder');

const userToast = new bootstrap.Toast(document.getElementById('userToast'));

// Add event listener to the Confirm button in the modal

confirmActionButton.addEventListener('click', () => {

    // Dismiss the modal

    const modal = bootstrap.Modal.getInstance(document.getElementById('actionModal'));

    modal.hide();

    // Add an alert

    const alert = document.createElement('div');

    alert.className = 'alert alert-success alert-dismissible fade show';

    alert.role = 'alert';

    alert.innerHTML = `

        <strong>Success!</strong> Your action has been confirmed.

        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-
label="Close"></button>

    `;

    alertPlaceholder.appendChild(alert);

    // Show the toast

    userToast.show();

});

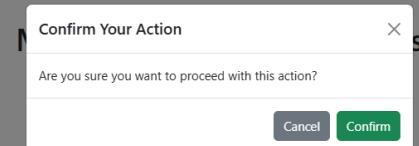
</script>

</body>
</html>
```

Output:

Modal with Alerts and Toasts

[Open Modal](#)



[Open Modal](#)

Modal with Alerts and Toasts

[Open Modal](#)

Success! Your action has been confirmed.

X