ADITYA AGARWAL   **220905106**   **ROLL NO 14**

Home Assignment

Q1 – Design an attractive 'train ticket booking form' using different bootstrap elements.

Code:
```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Train Ticket Booking</title>
  <link href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
  <div class="container mt-5">
    <h2 class="text-center">Train Ticket Booking</h2>
    <form>
      <div class="form-group">
        <label for="name">Full Name:</label>
        <input type="text" class="form-control" id="name" placeholder="Enter full name" required>
      </div>
      <div class="form-group">
        <label for="email">Email Address:</label>
        <input type="email" class="form-control" id="email" placeholder="Enter email" required>
      </div>
      <div class="form-group">
        <label for="fromStation">From Station:</label>
        <input type="text" class="form-control" id="fromStation" placeholder="Enter departure station" required>
      </div>
      <div class="form-group">
        <label for="toStation">To Station:</label>
        <input type="text" class="form-control" id="toStation" placeholder="Enter destination station" required>
      </div>
      <div class="form-group">
        <label for="trainClass">Train Class:</label>
        <select class="form-control" id="trainClass">
          <option>First Class</option>
          <option>Second Class</option>
          <option>Sleeper Class</option>
        </select>
      </div>
      <div class="form-group">
        <label for="travelDate">Travel Date:</label>
        <input type="date" class="form-control" id="travelDate" required>
      </div>
      <div class="form-group">
        <label for="numTickets">Number of Tickets:</label>
        <input type="number" class="form-control" id="numTickets" placeholder="Enter number of tickets" required>
      </div>
      <button type="submit" class="btn btn-primary btn-block">Book Ticket</button>
    </form>
  </div>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
```

```html
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></script>
</body>
</html>
```

Output:

Train Ticket Booking

Full Name:

Enter full name

Email Address:

Enter email   ✉

From Station:

Enter departure station

To Station:

Enter destination station

Train Class:

First Class   ⌄

Travel Date:

mm/dd/yyyy   📅

Number of Tickets:

Enter number of tickets

Book Ticket

Q2 - Design an attractive 'magazine cover page' using different bootstrap elements.

Code:
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Apple Magazine</title>
    <link href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" rel="stylesheet">
    <style>
        body, html {
            margin: 0;
            padding: 0;
            height: 100%;
            font-family: 'Helvetica Neue', Helvetica, Arial, sans-serif;
            background-color: #000;
            color: white;
        }
        .cover-page {
            background-image: url('BG6.JPG'); /* Replace with a sleek Apple-themed image */
            background-size: cover;
            background-position: center;
            height: 100vh;
            position: relative;
            overflow: hidden;
```

```css
    }
    .cover-overlay {
        position: absolute;
        top: 0;
        left: 0;
        width: 100%;
        height: 100%;
        background: linear-gradient(180deg, rgba(0, 0, 0, 0.6), rgba(0, 0, 0, 0.9));
        z-index: 1;
    }
    .cover-content {
        position: relative;
        z-index: 2;
        display: flex;
        flex-direction: column;
        align-items: center;
        justify-content: center;
        text-align: center;
        height: 100%;
        padding: 0 15px;
    }
    .cover-logo img {
        width: 80px;
        margin-bottom: 1rem;
    }
    .cover-title {
        font-size: 4rem;
        font-weight: 700;
        margin-bottom: 1rem;
        text-transform: uppercase;
        letter-spacing: 2px;
    }
    .cover-title span {
        color: #a2aaad; /* Iconic Apple text color */
    }
    .cover-subtitle {
        font-size: 1.8rem;
        margin-bottom: 2rem;
        font-weight: 300;
    }
    .cover-description {
        font-size: 1.2rem;
        line-height: 1.8;
        margin-bottom: 2rem;
    }
    .btn-custom {
        background-color: #a2aaad;
        color: black;
        font-size: 1.1rem;
        font-weight: 600;
        text-transform: uppercase;
        padding: 12px 40px;
        border: none;
        border-radius: 50px;
        transition: all 0.3s ease-in-out;
    }
    .btn-custom:hover {
        background-color: white;
        color: black;
    }
```

```
        .footer {
            position: absolute;
            bottom: 20px;
            width: 100%;
            text-align: center;
            font-size: 0.9rem;
            color: rgba(255, 255, 255, 0.8);
            z-index: 2;
        }
    </style>
</head>
<body>
    <div class="cover-page">
        <div class="cover-overlay"></div>
        <div class="cover-content">
            <div class="cover-logo">
                <img src="https://upload.wikimedia.org/wikipedia/commons/f/fa/Apple_logo_black.svg" alt="Apple
Logo">
            </div>
            <h1 class="cover-title">Think <span>Different</span></h1>
            <h3 class="cover-subtitle">The Future is Here</h3>
            <p class="cover-description">
                Welcome to the latest edition of the <strong>Apple Magazine</strong>. Discover groundbreaking
innovation, design excellence, and the future of technology in this special issue.
            </p>
            <button class="btn btn-custom">Explore Now</button>
        </div>
        <div class="footer">&copy; 2025 Apple Inc. All rights reserved.</div>
    </div>


    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></script>
</body>
</html>
```
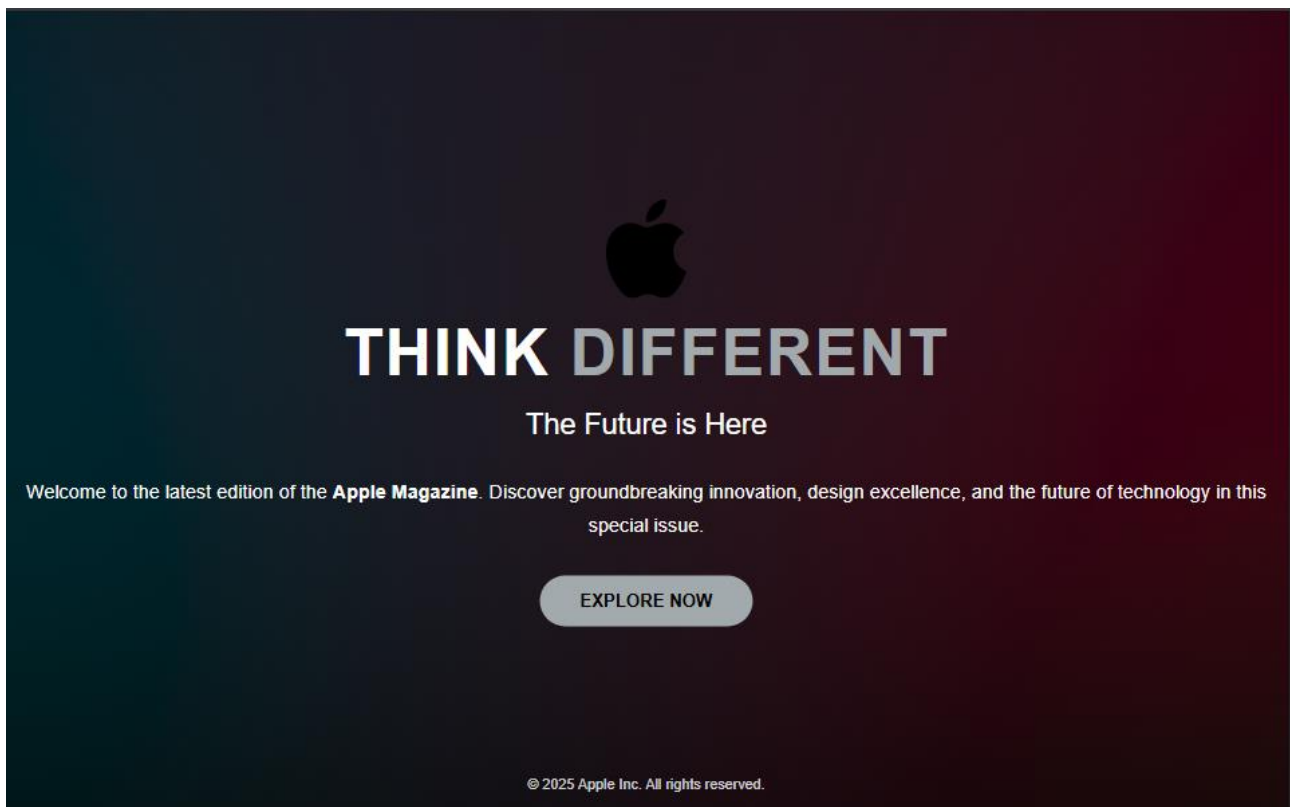
Output:

Q3 – Design your class timetable using bootstrap table and carousel.

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Class Timetable</title>
    <link href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">
    <style>
        .table th,
        .table td {
            vertical-align: middle;
            text-align: center;
        }

        .carousel-inner img {
            object-fit: cover;
            height: 300px;
        }

        .carousel-caption {
            background: rgba(0, 0, 0, 0.6);
            padding: 10px;
            border-radius: 5px;
        }

        .header-text {
            text-align: center;
```

```html
        margin-bottom: 20px;
      }
  </style>
</head>

<body>
  <div class="container mt-4">
      <h3 class="header-text">Department of Computer Science and Engineering</h3>
      <h5 class="text-center">Timetable: Jan - May 2025 (Semester: VI, Section: B)</h5>
      <h6 class="text-center">Lecture Hall: AB5 210 (Effective from: Jan 3, 2025)</h6>

      <!-- Timetable Table -->
      <div class="table-responsive mt-4">
        <table class="table table-bordered table-striped">
          <thead class="thead-dark">
            <tr>
                <th>Day</th>
                <th>8:00 - 9:00</th>
                <th>9:00 - 10:00</th>
                <th>10:00 - 10:30</th>
                <th>10:30 - 11:30</th>
                <th>11:30 - 12:30</th>
                <th>12:30 - 1:00</th>
                <th>1:00 - 2:00</th>
                <th>2:00 - 3:00</th>
                <th>3:00 - 3:30</th>
                <th>3:30 - 4:30</th>
            </tr>
          </thead>
          <tbody>
            <tr>
                <td>Monday</td>
                <td>WP</td>
                <td>PE-I</td>
                <td>Break</td>
                <td>EEFM</td>
                <td>PE-II</td>
                <td>Lunch Break</td>
                <td colspan="3">PCAP Lab (B1)</td>
                <td>CD Lab (B2)</td>
            </tr>
            <tr>
                <td>Tuesday</td>
                <td>EEFM</td>
                <td>PE-II</td>
                <td>Break</td>
                <td>PCAP</td>
                <td>OE</td>
                <td>Lunch Break</td>
                <td>WP Lab (B2)</td>
                <td colspan="2">Break</td>
                <td>Placement</td>
            </tr>
            <tr>
                <td>Wednesday</td>
                <td>EEFM</td>
                <td>PE-II</td>
                <td>Break</td>
                <td>PCAP</td>
                <td>OE</td>
```

```html
                <td>Lunch Break</td>
                <td>WP Lab (B1)</td>
                <td colspan="2">Break</td>
                <td>CD</td>
            </tr>
            <tr>
                <td>Thursday</td>
                <td>CD Lab (B1)</td>
                <td>CD</td>
                <td>Break</td>
                <td>PE-I</td>
                <td>Lunch Break</td>
                <td>PCAP</td>
                <td colspan="4">Placement</td>
            </tr>
            <tr>
                <td>Friday</td>
                <td>WP</td>
                <td>PE-I</td>
                <td>Break</td>
                <td>EEFM</td>
                <td>PE-II</td>
                <td>Lunch Break</td>
                <td>OE</td>
                <td colspan="3">WP Lab (B2)</td>
            </tr>
        </tbody>
    </table>
</div>

<!-- Faculty Carousel -->
<div id="facultyCarousel" class="carousel slide mt-5" data-ride="carousel">
    <ol class="carousel-indicators">
        <li data-target="#facultyCarousel" data-slide-to="0" class="active"></li>
        <li data-target="#facultyCarousel" data-slide-to="1"></li>
        <li data-target="#facultyCarousel" data-slide-to="2"></li>
    </ol>
    <div class="carousel-inner">
        <div class="carousel-item active">
            <img src="bg6.jpg" class="d-block w-100" alt="Faculty">
            <div class="carousel-caption">
                <h5>Dr. Rajashree Krishna</h5>
                <p>Teaching: Web Programming, Room: AB5 210</p>
            </div>
        </div>
        <div class="carousel-item">
            <img src="bg6.jpg" class="d-block w-100" alt="Faculty">
            <div class="carousel-caption">
                <h5>Ms. Deepthi S.</h5>
                <p>Teaching: Compiler Design, Room: AB5 210</p>
            </div>
        </div>
        <div class="carousel-item">
            <img src="bg6.jpg" class="d-block w-100" alt="Faculty">
            <div class="carousel-caption">
                <h5>Dr. Radhika Kamath</h5>
                <p>Teaching: Parallel Programming, Lab: Digital Systems</p>
            </div>
        </div>
    </div>
</div>
```

```html
        <a class="carousel-control-prev" href="#facultyCarousel" 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="#facultyCarousel" role="button" data-slide="next">
          <span class="carousel-control-next-icon" aria-hidden="true"></span>
          <span class="sr-only">Next</span>
        </a>
      </div>
    </div>

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.3/dist/umd/popper.min.js"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>

</html>
```

Output:

Department of Computer Science and Engineering

Timetable: Jan - May 2025 (Semester: VI, Section: B)

Lecture Hall: AB5 210 (Effective from: Jan 3, 2025)

Day	8:00 - 9:00	9:00 - 10:00	10:00 - 10:30	10:30 - 11:30	11:30 - 12:30	12:30 - 1:00	1:00 - 2:00	2:00 - 3:00	3:00 - 3:30	3:30 - 4:30
Monday	WP	PE-I	Break	EEFM	PE-II	Lunch Break	PCAP Lab (B1)			CD Lab (B2)
Tuesday	EEFM	PE-II	Break	PCAP	OE	Lunch Break	WP Lab (B2)	Break		Placement
Wednesday	EEFM	PE-II	Break	PCAP	OE	Lunch Break	WP Lab (B1)	Break		CD
Thursday	CD Lab (B1)	CD	Break	PE-I	Lunch Break	PCAP	Placement			
Friday	WP	PE-I	Break	EEFM	PE-II	Lunch Break	OE	WP Lab (B2)		

Dr. Rajashree Krishna

Teaching: Web Programming, Room: AB5 210