

Bootstrap Programs

1. Write a program to use Bootstrap's grid system to create a responsive layout of a Webpage.

Code-

```
<html>
<head>
  <title>Bootstrap Grid</title>
  <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
  <script src="bootstrap/js/bootstrap.bundle.min.js"></script>
  <style>
    img {
      border: 1px solid #ddd;
      border-radius: 4px;
      padding: 5px;
      width: 700px;
    }
  </style>
</head>
<body>

<div class="p-5 bg-primary text-white text-center">
  <h1>St. Aloysius' College(Autonomous), Jabalpur</h1>
</div>

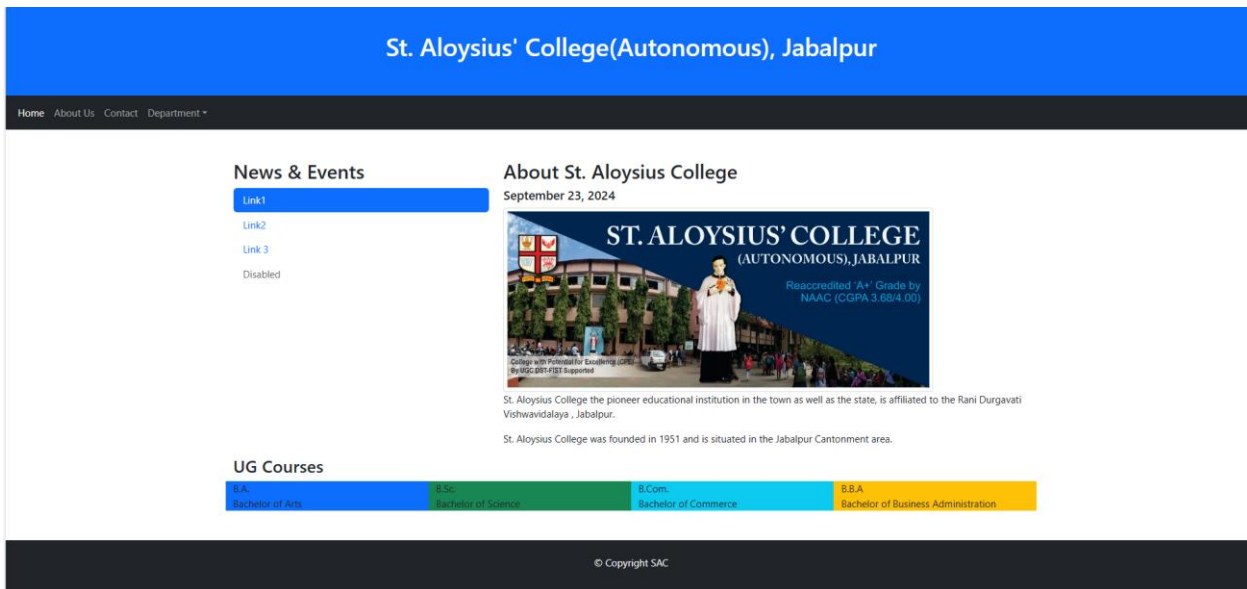
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <div class="container-fluid">
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link active" href="#">Home</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">About Us</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Contact</a>
      </li>
      <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown">Department</a>
        <ul class="dropdown-menu">
          <li><a class="dropdown-item" href="#">Science</a></li>
          <li><a class="dropdown-item" href="#">Arts</a></li>
          <li><a class="dropdown-item" href="#">Commerce</a></li>
        </ul>
      </li>
    </ul>
  </div>
</nav>

<div class="container mt-5">
```

```
<div class="row">
  <div class="col-sm-4">
    <h2>News & Events</h2>
    <div class=""></div>
    <ul class="nav nav-pills flex-column">
      <li class="nav-item">
        <a class="nav-link active" href="#">Link1</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link2</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link 3</a>
      </li>
      <li class="nav-item">
        <a class="nav-link disabled" href="#">Disabled</a>
      </li>
    </ul>
    <hr class="d-sm-none">
  </div>
  <div class="col-sm-8">
    <h2>About St. Aloysius College</h2>
    <h5>September 23, 2024</h5>
    <div></div>
    <p>St. Aloysius College the pioneer educational institution in the town as well as the state, is affiliated to the
Rani Durgavati Vishwavidalaya , Jabalpur. </p>
    <p>St. Aloysius College was founded in 1951 and is situated in the Jabalpur Cantonment area. </p>
  </div>
</div>
<div class="row">
  <h3>UG Courses</h3>
  <div class="col-sm-3 bg-primary">B.A.<br>Bachelor of Arts</div>
  <div class="col-sm-3 bg-success">B.Sc.<br>Bachelor of Science</div>
  <div class="col-sm-3 bg-info">B.Com.<br>Bachelor of Commerce</div>
  <div class="col-sm-3 bg-warning">B.B.A<br>Bachelor of Business Administration</div>
</div>

<div class="mt-5 p-4 bg-dark text-white text-center">
  <p>© Copyright SAC</p>
</div>

</body>
</html>
```



2. Create a responsive navigation bar using Bootstrap

```
<html>
<head>
  <title>Bootstrap Navbar</title>
  <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
  <script src="bootstrap/js/bootstrap.bundle.min.js"></script>

</head>
<body>
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <div class="container-fluid">
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link active" href="#">Home</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">About Us</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Contact</a>
      </li>
      <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown">Department</a>
        <ul class="dropdown-menu">
          <li><a class="dropdown-item" href="#">Science</a></li>
          <li><a class="dropdown-item" href="#">Arts</a></li>
          <li><a class="dropdown-item" href="#">Commerce</a></li>
        </ul>
      </li>
    </ul>
  </div>
</nav>
</body>
</html>
```

3. Write a program to use Bootstrap to style HTML forms.

```
<html>
<head>
  <title>Bootstrap Form</title>
  <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
  <script src="bootstrap/js/bootstrap.bundle.min.js"></script>

</head>
<div class="container h-100">
  <div class="row justify-content-center align-items-center">
    <div class="col-12 col-md-9 col-lg-7 col-xl-6">
      <div class="card" style="border-radius: 15px;">
        <div class="card-body p-5">
          <h2 class="text-uppercase text-center mb-5">Create an account</h2>

          <form>

            <div data-mdb-input-init class="form-outline mb-4">
              <input type="text" id="form3Example1cg" class="form-control form-control-lg" />
              <label class="form-label" for="form3Example1cg">Your Name</label>
            </div>

            <div data-mdb-input-init class="form-outline mb-4">
              <input type="email" id="form3Example3cg" class="form-control form-control-lg" />
              <label class="form-label" for="form3Example3cg">Your Email</label>
            </div>

            <div data-mdb-input-init class="form-outline mb-4">
              <input type="password" id="form3Example4cg" class="form-control form-control-lg" />
              <label class="form-label" for="form3Example4cg">Password</label>
            </div>

            <div data-mdb-input-init class="form-outline mb-4">
              <input type="password" id="form3Example4cdg" class="form-control form-control-lg" />
              <label class="form-label" for="form3Example4cdg">Repeat your password</label>
            </div>

            <div class="form-check d-flex justify-content-center mb-5">
              <input class="form-check-input me-2" type="checkbox" value="" id="form2Example3cg" />
              <label class="form-check-label" for="form2Example3g">I agree all statements in <a
href="#" class="text-body"><u>Terms of service</u></a>
              </label>
            </div>

            <div class="d-flex justify-content-center">
              <button type="button" class="btn btn-success">Register</button>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

</div>

<p class="text-center text-muted mt-5 mb-0">Have already an account? <u>Login here</u></p>

</form>

</div>

</div>

</div>

</div>

</div>

</html>

CREATE AN ACCOUNT

Your Name

Your Email

Password

Repeat your password

☐ I agree all statements in [Terms of service](#)

Register

Have already an account? [Login here](#)

4. Using Bootstrap's form components, create user registration form

<html>

<head>

<title>Bootstrap Form</title>

<link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">

```
<script src="bootstrap/js/bootstrap.bundle.min.js"></script>

</head>
<body>
  <div class="container">
    <div class="row justify-content-center align-items-center h-100">
      <div class="col-12 col-lg-9 col-xl-7">
        <div class="card shadow-2-strong card-registration" style="border-radius: 15px;">
          <div class="card-body p-4 p-md-5">
            <h3 class="mb-4 pb-2 pb-md-0 mb-md-5">Registration Form</h3>
            <form>

              <div class="row">
                <div class="col-md-6 mb-4">

                  <div data-mdb-input-init class="form-outline">
                    <input type="text" id="firstName" class="form-control form-control-lg" />
                    <label class="form-label" for="firstName">First Name</label>
                  </div>

                </div>
                <div class="col-md-6 mb-4">

                  <div data-mdb-input-init class="form-outline">
                    <input type="text" id="lastName" class="form-control form-control-lg" />
                    <label class="form-label" for="lastName">Last Name</label>
                  </div>

                </div>
              </div>

            <div class="row">
              <div class="col-md-6 mb-4 d-flex align-items-center">

                <div data-mdb-input-init class="form-outline datepicker w-100">
                  <input type="text" class="form-control form-control-lg" id="birthdayDate" />
                  <label for="birthdayDate" class="form-label">Birthday</label>
                </div>

              </div>
              <div class="col-md-6 mb-4">

                <h6 class="mb-2 pb-1">Gender: </h6>

                <div class="form-check form-check-inline">
                  <input class="form-check-input" type="radio" name="inlineRadioOptions"
id="femaleGender" value="option1" checked />
                  <label class="form-check-label" for="femaleGender">Female</label>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

</div>

<div class="form-check form-check-inline">

<input class="form-check-input" type="radio" name="inlineRadioOptions"
id="maleGender" value="option2" />

<label class="form-check-label" for="maleGender">Male</label>

</div>

<div class="form-check form-check-inline">

<input class="form-check-input" type="radio" name="inlineRadioOptions"
id="otherGender" value="option3" />

<label class="form-check-label" for="otherGender">Other</label>

</div>

</div>

</div>

<div class="row">

<div class="col-md-6 mb-4 pb-2">

<div data-mdb-input-init class="form-outline">

<input type="email" id="emailAddress" class="form-control form-control-lg" />

<label class="form-label" for="emailAddress">Email</label>

</div>

</div>

<div class="col-md-6 mb-4 pb-2">

<div data-mdb-input-init class="form-outline">

<input type="tel" id="phoneNumber" class="form-control form-control-lg" />

<label class="form-label" for="phoneNumber">Phone Number</label>

</div>

</div>

</div>

<div class="row">

<div class="col-12">

<select class="select form-control-lg">

<option value="1" disabled>Choose option</option>

<option value="2">Subject 1</option>

<option value="3">Subject 2</option>

<option value="4">Subject 3</option>

</select>

<label class="form-label select-label">Choose option</label>

</div>

```

</div>

<div class="mt-4 pt-2">
  <input class="btn btn-primary btn-lg" type="submit" value="Submit" />
</div>

</form>
</div>
</div>
</div>
</div>
</div>
</body>
</html>

```

Registration Form

First Name
Last Name

Gender:
☒ Female
☐ Male
☐ Other

Birthday

Email
Phone Number

Subject 1
▼

Choose option

Submit

5. Write a program to use Bootstrap for text formatting.

```

<html>
<head>
  <title>Bootstrap Text Formatting</title>
  <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
  <script src="bootstrap/js/bootstrap.bundle.min.js"></script>
</head>
<body>
  Headings
  <h1>h1. Bootstrap heading</h1>

```



```
<h2>h2. Bootstrap heading</h2>
<h3>h3. Bootstrap heading</h3>
<h4>h4. Bootstrap heading</h4>
<h5>h5. Bootstrap heading</h5>
<h6>h6. Bootstrap heading</h6>
<h2>
```

Display Heading

```
<small class="text-muted">With faded secondary text</small>
</h2>
```

Display Headings

```
<h1 class="display-1">Display Heading 1</h1>
<h1 class="display-2">Display Heading 2</h1>
<h1 class="display-3">Display Heading 3</h1>
<h1 class="display-4">Display Heading 4</h1>
<h1 class="display-5">Display Heading 5</h1>
<h1 class="display-6">Display Heading 6</h1>
```

Paragraphs Formatting

```
<p>This is how a normal paragraph looks like in Bootstrap.</p>
<p class="lead">This is how a paragraph stands out in Bootstrap.</p>
<p class="text-start">Left aligned text on all viewport sizes.</p>
<p class="text-center">Center aligned text on all viewport sizes.</p>
<p class="text-end">Right aligned text on all viewport sizes.</p>
```

Text Formatting

```
<p><b>This is bold text</b></p>
<p><code>This is computer code</code></p>
<p><em>This is emphasized text</em></p>
<p><i>This is italic text</i></p>
<p><mark>This is highlighted text</mark></p>
<p><small>This is small text</small></p>
<p><strong>This is strongly emphasized text</strong></p>
<p>This is <sub>subscript</sub> and <sup>superscript</sup></p>
<p><ins>This text is inserted to the document</ins></p>
<p><del>This text is deleted from the document</del></p>
```

Text Transformation

```
<p class="text-lowercase">The quick brown fox jumps over the lazy dog.</p>
<p class="text-uppercase">The quick brown fox jumps over the lazy dog.</p>
<p class="text-capitalize">The quick brown fox jumps over the lazy dog.</p>
```

Text Coloring

```
<p class="text-primary">Primary: Please read the instructions carefully before proceeding.</p>
<p class="text-secondary">Secondary: This is featured has been removed from the latest version.</p>
<p class="text-success">Success: Your message has been sent successfully.</p>
<p class="text-info">Info: You must agree with the terms and conditions to complete the sign up
process.</p>
<p class="text-warning">Warning: There was a problem with your network connection.</p>
<p class="text-danger">Danger: An error has been occurred while submitting your data.</p>
<p class="text-muted">Muted: This paragraph of text is grayed out.</p>
```

Text wrapping and Overflow

```
<div class="bg-primary text-wrap" style="width: 6rem;">
```

This text will wrap.

<div class="bg-warning text-nowrap mt-4" style="width: 6rem;">
This text will overflow the element's box.

</div>
</body>
</html>

Headings

h1. Bootstrap heading
h2. Bootstrap heading
h3. Bootstrap heading
h4. Bootstrap heading
h5. Bootstrap heading
h6. Bootstrap heading

Display Heading With faded secondary text

Display Headings

Display Heading 1
Display Heading 2
Display Heading 3
Display Heading 4
Display Heading 5
Display Heading 6

Paragraphs Formatting

This is how a normal paragraph looks like in Bootstrap.

This is how a paragraph stands out in Bootstrap.

Left aligned text on all viewport sizes.

Text Formatting

This is bold text

This is computer code

This is emphasized text

This is italic text

This is highlighted text

This is small text

This is strongly emphasized text

This is _{subscript} and ^{superscript}

This text is inserted to the document

~~This text is deleted from the document~~

Text Transformation

the quick brown fox jumps over the lazy dog.

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG.

The Quick Brown Fox Jumps Over The Lazy Dog.

Text Coloring

Primary: Please read the instructions carefully before proceeding.

Secondary: This is featured has been removed from the latest version.

Success: Your message has been sent successfully.

Info: You must agree with the terms and conditions to complete the sign up process.

Warning: There was a problem with your network connection.

Danger: An error has been occurred while submitting your data.

Muted: This paragraph of text is grayed out.

Text wrapping and Overflow

This text will wrap.

This text will overflow the element's box.

6. Write a program to use Bootstrap for creating responsive table of employee details

```
<html>  
<head>  
  <title>Bootstrap Employee Table</title>  
  <script src="bootstrap/js/bootstrap.min.js"></script>  
  <link rel="stylesheet" type="text/css" href="bootstrap/css/bootstrap.min.css">
```

```
</head>

<body>
  <div class="container">
    <h1>Bootstrap Responsive Employee Table</h1>
    <!-- Div using .table-responsive class-->
    <div class="table-responsive">
      <!--Bootstrap Table using .table class-->
      <table class="table table-striped table-hover table-bordered">
        <thead>
          <tr>
            <th>Sr.No.</th>
            <th>Emolpyee Name</th>
            <th>Salary</th>
            <th>City</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <td>1</td>
            <td>Shaili Dashora</td>
            <td>50,000</td>
            <td>Banglore</td>
          </tr>
          <tr>
            <td>2</td>
            <td>Sourabh Somani</td>
            <td>1,20,000</td>
            <td>Dehli</td>
          </tr>
          <tr>
            <td>3</td>
            <td>Milan</td>
            <td>40,000</td>
            <td>Udaipur</td>
          </tr>
          <tr>
            <td>4</td>
            <td>KumKum</td>
            <td>30,000</td>
            <td>Banglore</td>
          </tr>
          <tr>
            <td>5</td>
            <td>Bhumika</td>
            <td>20,000</td>
            <td>Udaipur</td>
          </tr>
        </tbody>
      </table>
    </div>
  </div>
</body>
```

```
</tbody>
</table>
</div>
</div>
</body>
```

```
</html>
```

Bootstrap Responsive Employee Table

Sr.No.	Emolpyee Name	Salary	City
1	Shaili Dashora	50,000	Banglore
2	Sourabh Somani	1,20,000	Dehli
3	Milan	40,000	Udaipur
4	KumKum	30,000	Banglore
5	Bhumika	20,000	Udaipur