

Miscellaneous Task

Unit-6

Task -1

Write a program to design table as below with hover effect using bootstrap4.

Table Example

	Name	Details		Actions
		Age	Country	
1	XYZ	28	USA	<button>Edit</button> <button>Delete</button>
2	PQR	35	India	<button>Edit</button> <button>Delete</button>
3	MNO	42	Australia	<button>Edit</button> <button>Delete</button>

Solution:

```
<body>

<div class="container mt-4">
  <h1>Table Example</h1>

  <table class="table table-bordered table-hover">
    <thead class="table-dark">
      <tr>
        <th rowspan="2"></th>
        <th rowspan="2">Name</th>
        <th colspan="2" class="text-center">Details</th>
        <th rowspan="2">Actions</th>
      </tr>
      <tr>
        <th>Age</th>
        <th>Country</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <th>1</th>
        <td>XYZ</td>
        <td>28</td>
        <td>USA</td>
```

```

<td>
  <button class="btn btn-sm btn-info">Edit</button>
  <button class="btn btn-sm btn-danger">Delete</button>
</td>
</tr>
<tr>
<th >2</th>
<td>PQR</td>
<td>35</td>
<td>India</td>
<td>
  <button class="btn btn-sm btn-info">Edit</button>
  <button class="btn btn-sm btn-danger">Delete</button>
</td>
</tr>
<tr>
<th >3</th>
<td>MNO</td>
<td>42</td>
<td>Australia</td>
<td>
  <button class="btn btn-sm btn-info">Edit</button>
  <button class="btn btn-sm btn-danger">Delete</button>
</td>
</tr>
</tbody>
</table>
</div>
</body>

```

Task -2

Write html/css script using bootstrap to perform following tasks. Use grid system and responsive effect must be observed.

- Set four columns in a row shown in **image1** which contains image, title and description in each column.
- Columns must be observed vertically as shown in **image2** from small screen size. (<576).
- Design should be same as shown below using bootstrap classes only.

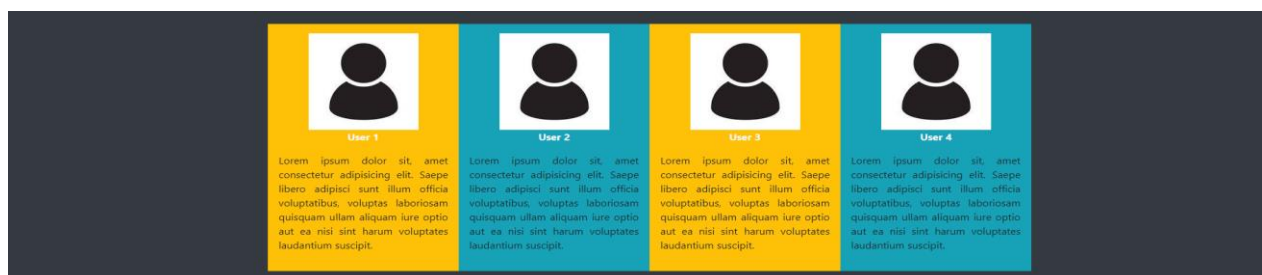


Image1**image2**

```

<div class="container-fluid bg-dark">
  <div class="container py-4">
    <div class="row">
      <div class="col-sm-3 bg-warning p-3">
        
        <p class="font-weight-bold text-center text-light">User 1</p>
        <p class="text-justify">Lorem ipsum dolor sit, amet consectetur adipisicing elit. Saepe libero
        libero adipisci sunt illum officia voluptatibus, voluptas laboriosam quisquam ullam aliquam
        iure optio aut ea nisi sint harum voluptates laudantium suscipit.</p>
      </div>
      <div class="col-sm-3 bg-info p-3">
        
        <p class="font-weight-bold text-center text-light">User 2</p>
        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Saepe libero adipisci sunt
        illum officia voluptatibus, voluptas laboriosam quisquam ullam aliquam iure optio aut ea nisi
        sint harum voluptates laudantium suscipit.</p>
      </div>
      <div class="col-sm-3 bg-warning p-3">
        
        <p class="font-weight-bold text-center text-light">User 3</p>
        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Saepe libero adipisci sunt
        illum officia voluptatibus, voluptas laboriosam quisquam ullam aliquam iure optio aut ea nisi
        sint harum voluptates laudantium suscipit.</p>
      </div>
    </div>
  </div>
</div>

```

```

<div class=" col-sm-3 bg-info p-3">
  
  <p class="font-weight-bold text-center text-light">User 4</p>
  <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Saepe libero adipisci sunt
illum officia voluptatibus, voluptas laboriosam quisquam ullam aliquam iure optio aut ea nisi
sint harum voluptates laudantium suscipit.</p>
</div>
</div>
</div> </div>

```

Task -3: Write html/css script using bootstrap to take four sections using div. first section has text related components like paragraph abbr and pre tag. second section has a table having three rows first is lowercase , second uppercase and third capitalize. third div has simple direct case in justify manner and last div has blockquote all div width are 25%.

Sol:

```

<div class="row">
  <div class="col-sm-3 text-uppercase">
    <p>this is paragraph</p>
    <abbr class="initialism" title="Full stack developer">FSD</abbr>
    <pre>this is pre
    </pre>
  </div>
  <div class="col-sm-3">
    <table class="table table-bordered table-info">
      <tr class="text-lowercase"></tr>
      <td>abc</td>
      <td>qwe</td>
      <td>asd</td>
    </tr>
      <tr class="text-uppercase">
      <td>abc</td>
      <td>qwe</td>
      <td>asd</td>
    </tr>
      <tr class="text-capitalize">
      <td>abc</td>
      <td>qwe</td>
      <td>asd</td>
    </tr>
    </table>
  </div>
  <div class="col-sm-3 text-justify">

```

this is direct text with justify manner.in this example we are using four foihfn fjkdf refr gg erer gerg g gerge rdiv.which will create four sections.

this is direct text with justify manner.in this example we are using four div.which will create four sections.

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```
</div>
<div class="col-sm-3">
<blockquote class="blockquote">
<p> This is a demo program</p>
<footer class="blockquote-footer text-right">Engineer</footer>
</blockquote>
</div></div>
```

Task -4: Write a code to create four sections having table coulumn enter random data in table that data should have font size in rem unit. Shrink the width of table to observe the responsive image all four table should be display vertically on sm device.

```
<div class="container">
<div class="row">
<div class="col-sm-3">
<div class="table-responsive">
<table class="table table-striped table-sm table-bordered table-hover table-danger">
<thead class="thead-dark">
<tr><th>Roll Number</th><th>Name</th></tr>
</thead>
<tr><td>1</td><td>A</td></tr>
<tr><td>2</td><td>B</td></tr>
<tr><td>3</td><td>C</td></tr>
</table>
</div>
</div>

<div class="col-sm-3">
<div class="table-responsive">
<table class="table table-striped table-sm table-bordered table-hover table-danger">
<thead class="thead-dark">
<tr><th>Roll Number</th><th>Name</th></tr>
</thead>
<tr><td>1</td><td>A</td></tr>
<tr><td>2</td><td>B</td></tr>
<tr><td>3</td><td>C</td></tr>
</table>
```

```

</div>
</div>

<div class="col-sm-3">
  <div class="table-responsive">
    <table class="table table-striped table-sm table-bordered table-hover table-danger">
      <thead class="thead-dark">
        <tr><th>Roll Number</th><th>Name</th></tr>
      </thead>
      <tr><td>1</td><td>A</td></tr>
      <tr><td>2</td><td>B</td></tr>
      <tr><td>3</td><td>C</td></tr>
    </table>
  </div>
</div>

<div class="col-sm-3">
  <div class="table-responsive">
    <table class="table table-striped table-sm table-bordered table-hover table-danger">
      <thead class="thead-dark">
        <tr><th>Roll Number</th><th>Name</th></tr>
      </thead>
      <tr><td>1</td><td>A</td></tr>
      <tr><td>2</td><td>B</td></tr>
      <tr><td>3</td><td>C</td></tr>
    </table>
  </div>
</div>
</div>
</div>

```

Roll Number	Name
1	A
2	B
3	C

Roll Number	Name
1	A
2	B
3	C

Roll Number	Name
1	A
2	B
3	C

Roll Number	Name
1	A
2	B
3	C

Task -5 : Write bootstrap script to have two sections of image and image description, left div description and right div should have photo. give appropriate partition classes and observe responsive concepts.

Sol:

```

<body>
<div class="row">
  <div class="col-lg-6 bg-warning">
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Ipsa aliquam unde adipisci minus iusto
    exercitationem eos,

```

```
tempore incidunt illum voluptatibus consectetur quasi.  
Aperiam voluptate repudiandae tempore illo molestias similique iusto.  
</div>  
<div class="col-lg-6">  
  
</div>  
</div>  
</body>
```

Task -6: Write html/CSS script using bootstrap to set four images of some product horizontally and show their price, features and available quantity in grid system, responsive effect must be observed.

Sol:

```
<body>  
<div class="container bg-info text-danger text-center display-3">shopping website</div>  
<div class="container">  
<div class="row">  
<div class="col-md">  
  
<pre class="text-danger">Price:100  
product1</pre>  
</div>  
<div class="col-md">  
  
<pre class="text-success">Price:300  
product2</pre></div>  
<div class="col-md">  
  
<pre class="text-warning">Price:250  
product3</pre>  
</div>  
<div class="col-md ">  
  
<pre class="text-info">Price:650  
product4</pre>  
</div>  
</div>  
</div>  
</div>  
</div></body>
```

Task -7: Write a script to design 2 sections horizontally in a row. One section is having a title and paragraph, 2nd section has a definition list of 3 things. Sections should be arranged vertically on reducing width <1400px.

Sol:

```
<div class="container-fluid">
  <h1>Basic Grid Structure</h1>
  <div class="container-fluid">
    <div class="row">
      <div class="col-xxl-6 bg-primary">
        <h1>title</h1>
        <p>desc</p>
      </div>
      <div class="col-xxl-6 bg-success">
        <ul class="list-unstyled">
          <li>abc</li>
          <li>def</li>
        </ul>
      </div>
    </div>
  </div>
```

Unit -7

Task -1

Make a form with validation having 2 mandatory fields and a button.

The OTP field must accept 5 digit number only without leading zeros. If validation fails, it should display error message as

OTP must be 5 digit only
(e.g. 12345)

The password field must accept 8 characters only. If validation fails, show error message as "Passwrod must be 8 characters long"

Submit Details button should be full width.

```
<form class="was-validated">
  <label class="form-label">OTP</label>

  <input          type="number"          class="form-control"
    min="10000"    max="99999"          required      />
  <div class="invalid-feedback">
    OTP must be 5 digit only
  <br />
```



```

        (e.g. 12345)
    </div>
</div>

<div class="mb-3">
    <label class="form-label">Password</label>
    <input type="password" class="form-control" minlength="8" maxlength="8"
required/>
    <div class="invalid-feedback">
        Passwrod must be 8 characters long
    </div>
</div>

<button type="submit" class="btn btn-success w-100">
    Submit Details
</button>
</form>

```

Task 2 : Write a script using HTML/CSS and bootstrap to create following pagination. Make Link 1 as active & link 4 as disable.



Sol:

```

<body>
    <ul class="pagination">
        <li class="page-item"><a class="page-link" href="#">Prev</a></li>
        <li class="page-item active"><a class="page-link" href="#">1</a></li>
        <li class="page-item"><a class="page-link" href="#">2</a></li>
        <li class="page-item"><a class="page-link" href="#">3</a></li>
        <li class="page-item disabled"><a class="page-link" href="#">4</a></li>
        <li class="page-item"><a class="page-link" href="#">Next</a></li>
    </ul>
</body>

```

Task 3: Write a script to pop up a dialog box on clicking a button. Dialog box must have a title, a message of “Submitted successfully”, X button in header to close dialog and one separate “Close” button in footer to close it.

Sol:

```
<body>
  <button type="button" class="btn btn-primary" data-bs-toggle="modal" data-bs-
target="#myModal">
    Open modal
  </button>
  <!-- The Modal -->
  <div class="modal" id="myModal">
    <div class="modal-dialog">
      <div class="modal-content">
        <!-- Modal Header -->
        <div class="modal-header">
          <h4 class="modal-title">Dialog Box</h4>
          <button class="close" data-bs-dismiss="modal">&times;</button>
        </div>
        <!-- Modal body -->
        <div class="modal-body">
          Submitted successfully
        </div>
        <!-- Modal footer -->
        <div class="modal-footer">
          <button type="button" class="btn btn-danger" data-bs-
dismiss="modal">Close</button>
        </div>
      </div>
    </div>
  </div>
</body>
```

Task -4: Write an HTML using bootstrap-5 to create navigation bar in which all navigation item should be displayed in pill form and when user clicks on a navigation item then content associated with that navigation link will be displayed.

Sol:

```
<ul class="nav nav-pills" >
  <li class="nav-item">
```

```

        <a class="nav-link active" href="#a" data-bs-toggle="pill"> Home</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#b" data-bs-toggle="pill">About</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#c" data-bs-toggle="pill">Contact</a>
      </li>
    </ul>
    <div class="tab-content">
      <div id="a" class="container tab-pane active">
        abc
      </div>
      <div id="b" class="container tab-pane fade">
        def
      </div>
      <div id="c" class="container tab-pane fade">
        ghi
      </div>
    </div>

```

Task -5: Design form as shown in image also provide validation before submitting it.

Rate your Experience.

Username:

 ⓘ

Please enter username.

Mobile number:

 ⓘ

Please enter mobile number.

Experience:

☐ Good ☐ Excellent

☐ I would like to continue.

Check this checkbox to continue.

Select Country

 ⓘ ▾

Comments:

 ⓘ

Submit

Sol:

```

<body>
<div class="container mt-3">
  <h3>Rate your Experience.</h3>

```

```

<form class="was-validated">
  <div class="mt-3">
    <label class="form-label">Username:</label>
    <input type="text" class="form-control" placeholder="Enter username" required>
    <div class="valid-feedback">Valid.</div>
    <div class="invalid-feedback">Please enter username.</div>
  </div>
  <div class="mt-3">
    <label class="form-label">Mobile number:</label>
    <input type="number" class="form-control" placeholder="Enter Mobile Number"
required>
    <div class="valid-feedback">Valid.</div>
    <div class="invalid-feedback">Please enter mobile number.</div>
  </div>

  <div class="row">
    <label>Experience:</label>
    <div class="form-check col">
      <input type="radio" class="form-check-input" name="optcheck" required>
      <label class="form-check-label">Good</label>
    </div>
    <div class="form-check col">
      <input type="radio" class="form-check-input" name="optcheck" required>
      <label class="form-check-label">Excellent</label>
    </div>
  </div>
  <div class="form-check mt-3">
    <input class="form-check-input" type="checkbox" required>
    <label class="form-check-label">I would like to continue.</label>
    <div class="valid-feedback">Valid.</div>
    <div class="invalid-feedback">Check this checkbox to continue.</div>
  </div>
  <div class="form-check mt-3">
    <label>Select Country </label>
    <select class="form-select" required>
      <option value="" selected disabled hidden> - - Select Country - - </option>
      <option>India</option>
      <option>China</option>
    </select>
  </div>
  <div class="mt-3">
    <label for="comment">Comments:</label>

```

```

        <textarea      class="form-control"      rows="5"      id="comment"      name="text"
required></textarea>
    </div>
    <div class=" d-flex justify-content-center">
    <button type="submit" class="btn btn-primary">Submit</button></div>
    </form>
</div>
</body>

```

Task -6: Design a following form using bootstrap. Once user click on a submit button one dialog box should open with confirmation message like “Do you want to login?” with close button. Dialog box contain header, body & footer part. **[Modal on submit button]**

Username:

Password:

Sol:

```

<body>
    <form action="#">
        <div class="mt-3">
            <label>Username</label>
            <input type="text" class="form-control" />
        </div>
        <div class="mt-3">
            <label>Password:</label>
            <input type="password" class="form-control" />
        </div>
        <div class="mt-3">
            <input type="submit" class="btn btn-primary" data-bs-toggle="modal" data-bs-
target="#myModal"/>
            <input type="reset" class="btn btn-primary"/>
        </div>
    </form>
    <!-- The Modal -->

```

```

<div class="modal" id="myModal">
  <div class="modal-dialog">
    <div class="modal-content">

      <!-- Modal Header -->
      <div class="modal-header">
        <h4 class="modal-title">Confirm box</h4>
        <button type="button" class="btn-close" data-bs-dismiss="modal"></button>
      </div>

      <!-- Modal body -->
      <div class="modal-body">
        Do you want to login?
      </div>

      <!-- Modal footer -->
      <div class="modal-footer">
        <button type="button" class="btn btn-danger" data-bs-
dismiss="modal">Close</button>
      </div> </div>
    </div> </div>
  </body>

```

Task -7: Construct table as shown in image

Contact form

User Name:

Email Id:

Enter user_name

Enter email_id

Message:

Enter message

Gender: ☐ Male ☐ Female

Select City

Ahmedabad

☐ I agree

Submit

<body>

```
<div class = "container mt-2 border border-dark">
<h5> Contact form </h5>
<form action = "#">
<div class="row">

<div class = "col">
<label class = "form-label"> User Name: </label>
<input type = "text" class = "form-control" id = " uid " placeholder = "Enter user_name"
name = " uid " required>
</div>

<div class = "col">
<label for = "emid" class = "form-label"> Email Id: </label>
<input type = "email" class = "form-control" id = " emid " placeholder = "Enter email_id"
name = " emid " required>
</div>
</div>

<div>
<label for = "txt" class = "form-label"> Message: </label>
<textarea class = "form-control" id = "txt" placeholder = "Enter message" name = "txt"
required></textarea>
</div>
<div class="row">
<!-- start of Responsive grids -->

<div class = "col-md-4 d-flex">
<label for = "gender" class = "form-label m-2"> Gender: </label>
<div class = "form-check m-2">
<input class = "form-check-input" value="male" type = "radio" name = "gender"
required>
<label class = "form-check-label">Male</label>
</div>
<div class = "form-check m-2">
<input class = "form-check-input" value="female" type = "radio" name = "gender"
required>
<label class = "form-check-label">Female</label>
</div>
</div>

<div class = "col-md-6">
<label>Select City</label>
<select class="form-select">
```

```
<optgroup label="Gujarat">
  <option>Ahmedabad</option>
  <option>Gandhinagar</option>
</optgroup>
<optgroup label="Rajasthan">
  <option>Jaipur</option>
</optgroup>
</select>
</div>

<div class = "col-md-2">
  <div class = "form-check">
    <input class = "form-check-input" type = "checkbox" id = "Checked" name =
"remembers" required>
    <label class = "form-check-label" for = "Checked"> I agree</label>
  </div>
</div>

</div>
<button type = "submit" class = "btn btn-danger d-block mx-auto my-4"> Submit
</button>
</form>
</div>
</body>
```

Task -8: Create a responsive webpage using Bootstrap 5 that includes a navigation bar and a carousel. The navigation bar should include a brand name (image not mandatory), a collapsible menu, and only 3 links for "Home," "About," and "Contact." The menu should collapse into a toggle button on smaller screens. Below the navigation bar, implement a carousel with 2 slides only, each containing an image and a caption. The carousel should automatically cycle through the slides. (No need to create any buttons) Write the complete HTML structure required to achieve this layout, ensuring proper use of Bootstrap 5 classes and attributes only.

```
<nav class="navbar navbar-expand-sm navbar-dark bg-dark">

  <div class="container">

    <a class="navbar-brand" href="#">MyBrand</a>
```



```
<!-- Toggle Button -->

<button class="navbar-toggler" data-bs-toggle="collapse" data-bs-
target="#navbarNav" >

    <span class="navbar-toggler-icon"></span>

</button>

<!-- Menu Items -->

<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="#">Contact</a>

        </li>

    </ul>

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

<!-- CAROUSEL -->

<div id="myCarousel" class="carousel slide" data-bs-ride="carousel">

    <div class="carousel-inner">

        <!-- Slide 1 -->

        <div class="carousel-item active">

            <div class="carousel-caption">
```

```
<h5>First Slide Caption</h5>

<p>This is the first slide description.</p>

</div>

</div>

<!-- Slide 2 -->

<div class="carousel-item">

  <div class="carousel-caption">

    <h5>Second Slide Caption</h5>

    <p>This is the second slide description.</p>

  </div>

</div>

</div>

</div>
```