

WEB TECHNOLOGIES

LAB

INDEX

<u>S.NO</u>	<u>EXPERIMENT NAME</u>	<u>DATE</u>	<u>SIGN</u>
01	Develop static pages (using HTML and CSS) of an online book store. The pages should resemble: www.flipkart.com The website should consist the following pages. a) Homepage b) Registration and user Login c) User Profile Page d) Books catalog e) Shopping Cart f) Payment By credit card g) Order Conformations		
02	Create and save an XML document on the server, which contains 10 users information. Write a program, which takes User Id as an input and returns the user details by taking the user information from the XML document.		
03	Write a PHP script to merge two arrays and sort them as numbers, in descending order.		
04	Write a PHP script that reads data from one file and write into another file.		
05	Write a PHP script to print prime numbers between 1-50.		
06	Validate the Registration, user login, user profile and payment by credit card pages using JavaScript.		
07	Write a PHP script to: a) Find the length of a string. b) Count no of words in a string. c) Reverse a string. d) Search for a specific string.		
08	Create a simple application and perform CRUD operations (create, read, update, delete).		

09	Create dashboards (student, Admin) based on a role by using sessions and perform logout.		
10	Perform CRUD operations with JavaScript.		
11	Perform CRUD operations with servlet.		

Experiment 1:

Develop static pages (using HTML and CSS) of an online book store. The pages should resemble: www.flipkart.com The website should consist the

following pages.

- a) Homepage
- b) Registration and user Login
- c) User Profile Page
- d) Books catalog
- e) Shopping Cart
- f) Payment By credit card
- g) Order Conformations

Source code:

a)Homepage:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <link rel="stylesheet" href="books.css">
  <title>Homepage</title>
</head>
```

```
<body>
  <header>
    <h1>Welcome to Our Bookstore</h1>
  </header>
  <nav>
    <ul>
      <li><a href="registration.html">Registration</a></li>
      <li><a href="login.html">Login</a></li>
      <li><a href="user-profile.html">UserProfile</a></li>
      <li><a href="books-catalog.html">Books Catalog</a></li>
      <li><a href="shopping-cart.html">Shopping Cart</a></li>
      <li><a href="payment.html">Payment byCreditCard</a></li>
      <li><a href="order-confirmation.html">Order
Confirmation</a></li>
    </ul>
  </nav>
  <main>
    <section class="flex-item">
      
    </section>
    <section class="flex-item">
```

Benefits of an online bookshop :</h2>

1.Customer Convenience</p>

2.Unlimited capacity</p>

3.Enhanced customer experience</p>

4.Enhanced customer experience</p>

5.Exposure</p>

</section>

</main>

<footer>

© 2023 Our Bookstore

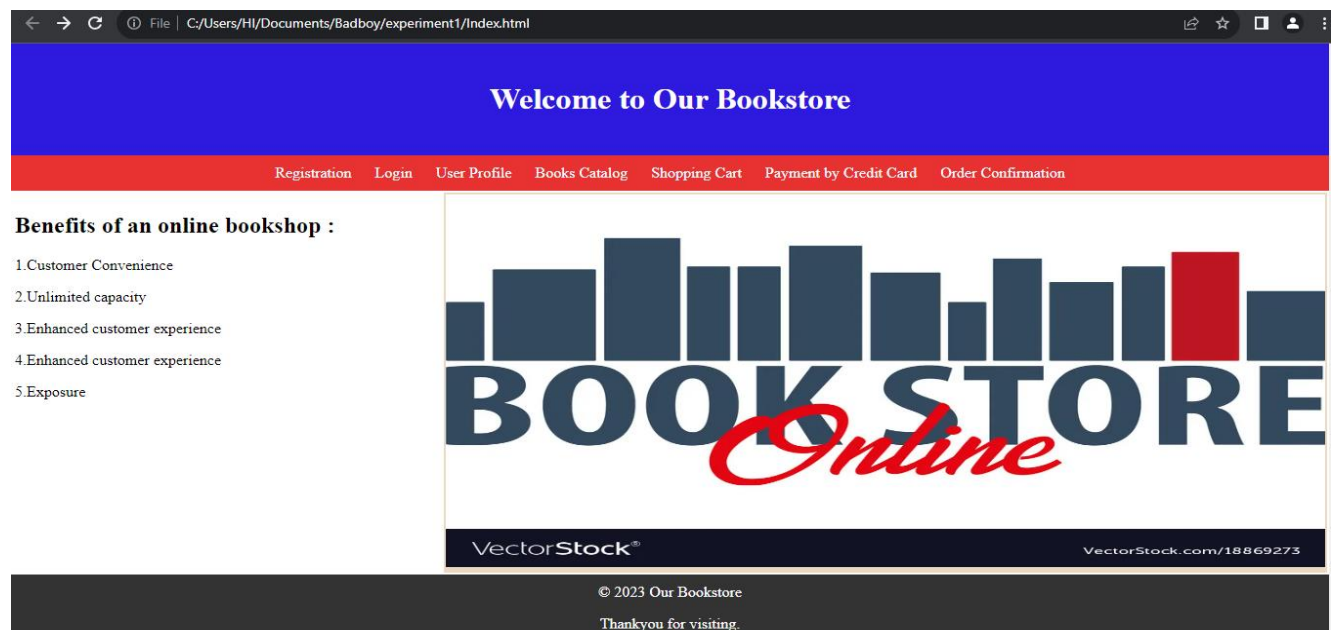
<p>Thankyou for visiting.</p>

</footer>

</body>

</html>

OUTPUT:



b) Registration and user Login

Registration:

```
<!DOCTYPE html>
<html lang="en">
<head>

    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <style>
        body {
            font-family: Arial, sans-serif;
            background-image:
url(https://www.shutterstock.com/shutterstock/photos/2153
865261/display_1500/stock-vector-register-now-label-set-
isolated-on-whit-background-register-now-speech-bubble-
collection-2153865261.jpg);
        }

        .container {
            max-width: 400px;
            margin: 0 auto;
            padding: 20px;
            background-color: #afdfef;
            border-radius: 5px;
            box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
        }

        h2 {
            text-align: center;
```

```
}

label {
    display: block;
    margin-bottom: 10px;
}

input[type="text"],
input[type="password"],
input[type="email"] {
    width: 100%;
    padding: 10px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 3px;
}

input[type="submit"] {
    background-color: #007bff;
    color: #fff;
    padding: 10px 20px;
    border: none;
    border-radius: 3px;
    cursor: pointer;
}

input[type="submit"]:hover {
    background-color: #0056b3;
}
</style>
<title>Registration</title>
</head>
```



```
<body>
  <div class="container">
    <h2>Registration</h2>
    <form action="#" method="post">
      <label for="fname">First Name:</label>
      <input type="text" id="fname" name="fname" required>

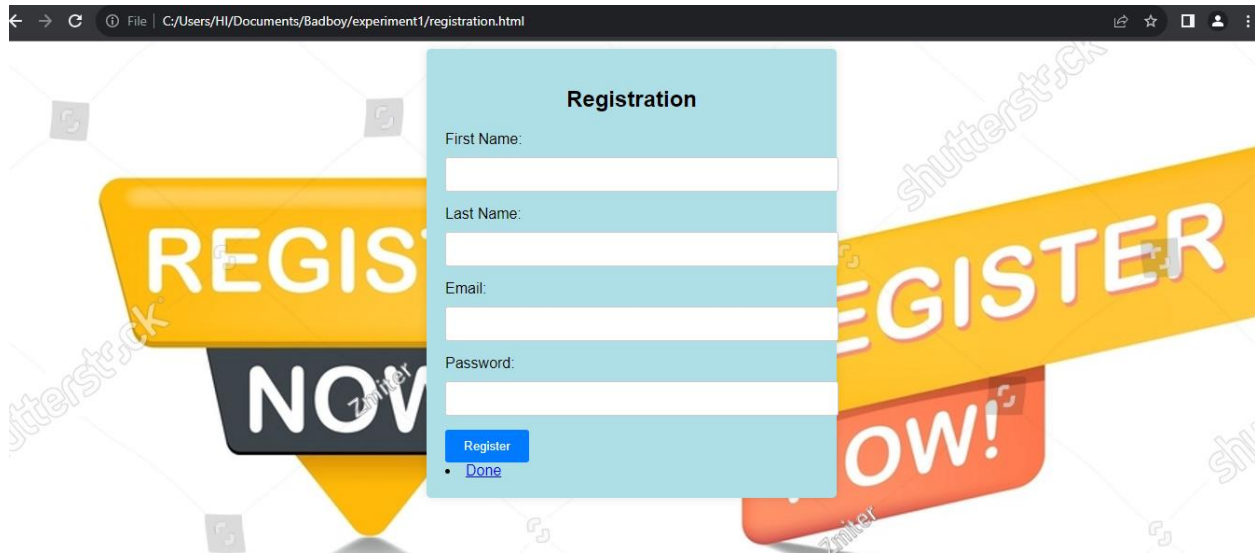
      <label for="lname">Last Name:</label>
      <input type="text" id="lname" name="lname" required>

      <label for="email">Email:</label>
      <input type="email" id="email" name="email" required>

      <label for="password">Password:</label>
      <input type="password" id="password" name="password"
required>

      <input type="submit" value="Register"><br>
      <li>
        <a href="index.html">Done</a>
      </li>
    </form>
  </div>
</body>
</html>
```

OUTPUT:



The screenshot shows a web browser window with the address bar displaying 'C:/Users/HI/Documents/Badboy/experiment1/registration.html'. The main content is a registration form titled 'Registration' in a light blue box. The form contains the following fields and elements:

- First Name:** A text input field.
- Last Name:** A text input field.
- Email:** A text input field.
- Password:** A text input field.
- Register:** A blue button.
- Done:** A link with a bullet point.

The background features several yellow and orange signs with the text 'REGISTER NOW!' in white and black letters.

Login:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Login Form</title>
  <style>
```

```
body {  
    font-family: Arial, sans-serif;  
background-image:  
url(https://t4.ftcdn.net/jpg/01/19/11/55/360_F_119115529_  
mEnw3lGpLdlDkflGRCvSbFRuVl6sMDty.jpg);  
}
```

```
.login-container {  
    width: 300px;  
    margin: 0 auto;  
    padding: 20px;  
    background-color: #9ad9db;  
    border-radius: 5px;  
    box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);  
    text-align: center;  
}
```

```
.login-container h2 {  
    margin-bottom: 20px;  
}
```

```
.form-group {  
    margin-bottom: 20px;  
}
```

```
.form-group label {  
    display: block;  
    text-align: left;  
    margin-bottom: 5px;  
}
```

```
.form-group input {
```

```
width: 100%;
padding: 10px;
border: 1px solid #ccc;
border-radius: 3px;
}

.form-group button {
width: 100%;
padding: 10px;
background-color: #007BFF;
color: #fff;
border: none;
border-radius: 3px;
cursor: pointer;
}
```

```
.form-group button:hover {
background-color: #0056b3;
}

.form-group a{
background-color: #0056b3;
color: white;
}
```

```
</style>
</head>
<body>
<div class="login-container">
<h2>Login</h2>
<form>
<div class="form-group">
<label for="username">Username:</label>
```

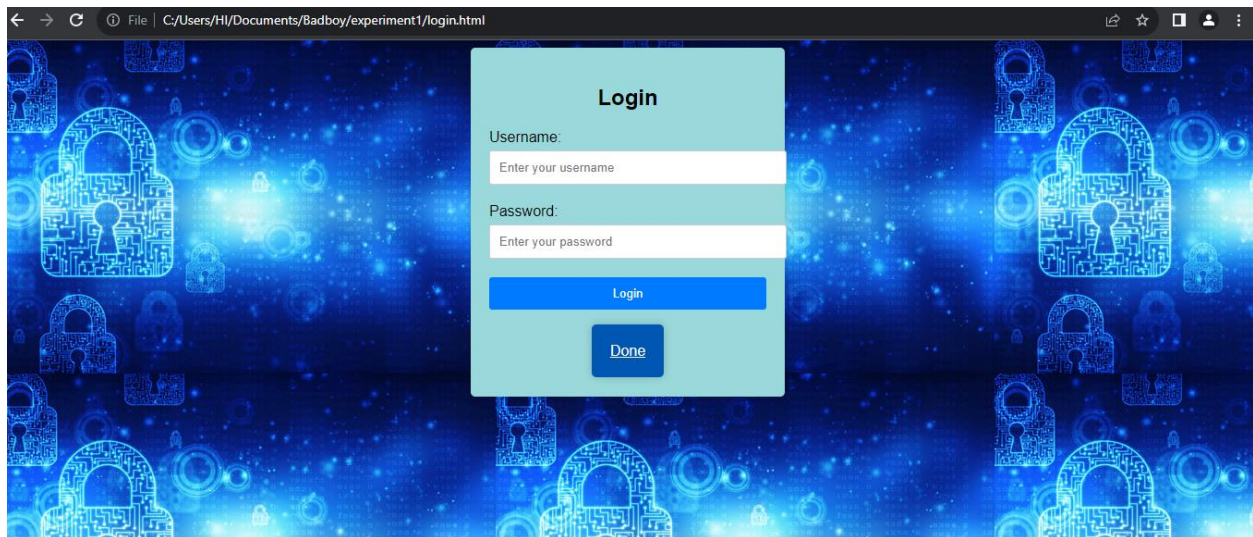
```

        <input type="text" id="username" name="username"
placeholder="Enter your username" required>
    </div>
    <div class="form-group">
        <label for="password">Password:</label>
        <input type="password" id="password"
name="password" placeholder="Enter your password" required>
    </div>
    <div class="form-group">
        <button type="submit">Login</button><br><br><br>

        <a href="Index.html" class="login-container"
role="button">Done</a>
    </div>
</form>
</div>
</body>
</html>

```

OUTPUT:



c) User Profile Page

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>User Profile</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-image:
url(https://media.istockphoto.com/id/1180385252/vector/us-
er-profile-icon-futuristic-digital-abstract-blue-
background.jpg?s=170667a&w=0&k=20&c=VoJd1e5Q_IkxveizP
4K4vXw199ku3vJuIMJhuI-9P0c=);
      margin: 0;
      padding: 0;
    }

    .profile-container {
      max-width: 600px;
```

```
margin: 0 auto;
background-color: #7761a0;
padding: 20px;
border-radius: 5px;
box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);
text-align: center;
}
```

```
.profile-image {
border-radius: 50%;
width: 150px;
height: 150px;
object-fit: cover;
margin: 0 auto 20px;
border: 5px solid #007BFF;
}
```

```
.profile-name {
font-size: 24px;
font-weight: bold;
margin-bottom: 10px;
}
```

```
.profile-email {
```

```
    color: #0c0e11;
    margin-bottom: 20px;
}
```

```
.profile-info {
    font-size: 18px;
    margin-bottom: 10px;
}
```

```
.profile-button {
    padding: 10px 20px;
    background-color: #007BFF;
    color: #fff;
    border: none;
    border-radius: 3px;
    font-size: 16px;
    cursor: pointer;
}
```

```
.profile-button:hover {
    background-color: #0056b3;
}
```

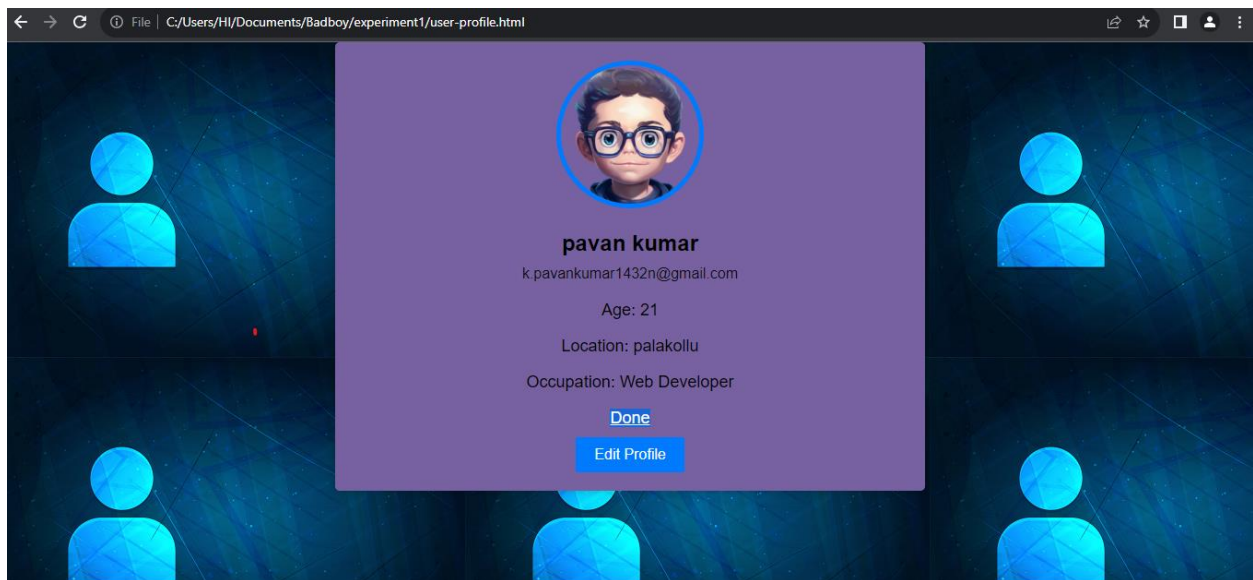
```
.profile-container li{
    text-align: right;
```



```
}  
.profile-container a{  
    background-color: #1c67d8;  
    color: white;  
  
}  
</style>  
</head>  
<body>  
    <div class="profile-container">  
          
        <div class="profile-name">pavan kumar</div>  
        <div class="profile-  
email">k.pavankumar1432n@gmail.com</div>  
        <div class="profile-info">  
            <p>Age: 21</p>  
            <p>Location: palakollu</p>  
            <p>Occupation: Web Developer</p>  
            <a href="Index.html" class="login-container"  
role="button">Done</a>
```

```
</div>
<button class="profile-button">Edit Profile</button>
</div>
</body>
</html>
```

OUTPUT:



d) Books catalog

```
<html>
  <head>

  </head>
  <link rel="stylesheet" href="exp.css">
  <body >
```

```
<main>
  <section>
    <div>
      <imgsrc="https://m.mediaamazon.com/images/I/51RQ9X+0c
      KL._AC_UF1000,1000_QL80_.jpg" alt="">

    </div>
    <div>
      <input type="button" value="Add to Cart">
      <p>Rs.500</p>
    </div>
  </section>
  <section>
    <div>
      <imgsrc="https://cdn-
      media1.freecodecamp.org/images/BQ18O-sFd7slae-N-
      55hOBzo7qDRg5AyWkQE" alt="">

    </div>
    <div>
      <input type="button" value="Add to Cart">
      <p>Rs.500</p>
    </div>
```

</section>

<section>

<div>

</div>

<div>

<input type="button" value="Add to Cart">

<p>Rs.500</p>

</div>

</section>

<section>

<div>

</div>

<div>

<input type="button" value="Add to Cart">

<p>Rs.500</p>

</div>

</section>

```
<section>
  <div>
    

  </div>
  <div>
    <input type="button" value="Add to Cart">
    <p>Rs.500</p>
  </div>
</section>
<section>
  <div>
    

  </div>
  <div>
    <input type="button" value="Add to Cart">
    <p>Rs.500</p>
  </div>
</section>
</main>
```



```
<section>
```

```
<div>
```

```

```

```
</div>
```

```
<div>
```

```
<input type="button" value="Add to Cart">
```

```
<p>Rs.500</p>
```

```
</div>
```

```
</section>
```

```
<section>
```

```
<div>
```

```

```

```
</div>
```

```
<div>
```

```
<input type="button" value="Add to Cart">
```

```
<p>Rs.500</p>
```

```
</div>
```

```
</section>
```

```
<section>
  <div>
    
```

```
</div>
```

```
<div>
```

```
<input type="button" value="Add to Cart">
```

```
<p>Rs.500</p>
```

```
</div>
```

```
</section>
```

```
<section>
```

```
<div>
```

```

```

```
</div>
```

```
<div>
```

```
<input type="button" value="Add to Cart">
```

```
<p>Rs.500</p>
```

```
</div>
```

```
</section>
```



```
</main>
<main>
  <section>
    <div>
<imgsrc="https://cdn01.sapnaonline.com/product_media/9789
386729484/md_9789386729484.jpg" alt="">

    </div>
    <div>
<input type="button" value="Add to Cart">
      <p>Rs.500</p>
    </div>
  </section>
  <section>
    <div>
      

    </div>
    <div>
<input type="button" value="Add to Cart">
      <p>Rs.500</p>
    </div>
```

</section>

<section>

<div>

</div>

<div>

<input type="button" value="Add to Cart">

<p>Rs.500</p>

</div>

</section>

<section>

<div>

</div>

<div>

<input type="button" value="Add to Cart">

<p>Rs.500</p>

</div>

</section>

<section>

<div>

</div>

<div>

<input type="button" value="Add to Cart">

<p>Rs.500</p>

</div>

</section>

<section>

<div>

</div>

<div>

<input type="button" value="Add to Cart">

<p>Rs.500</p>

</div>

```

</section>

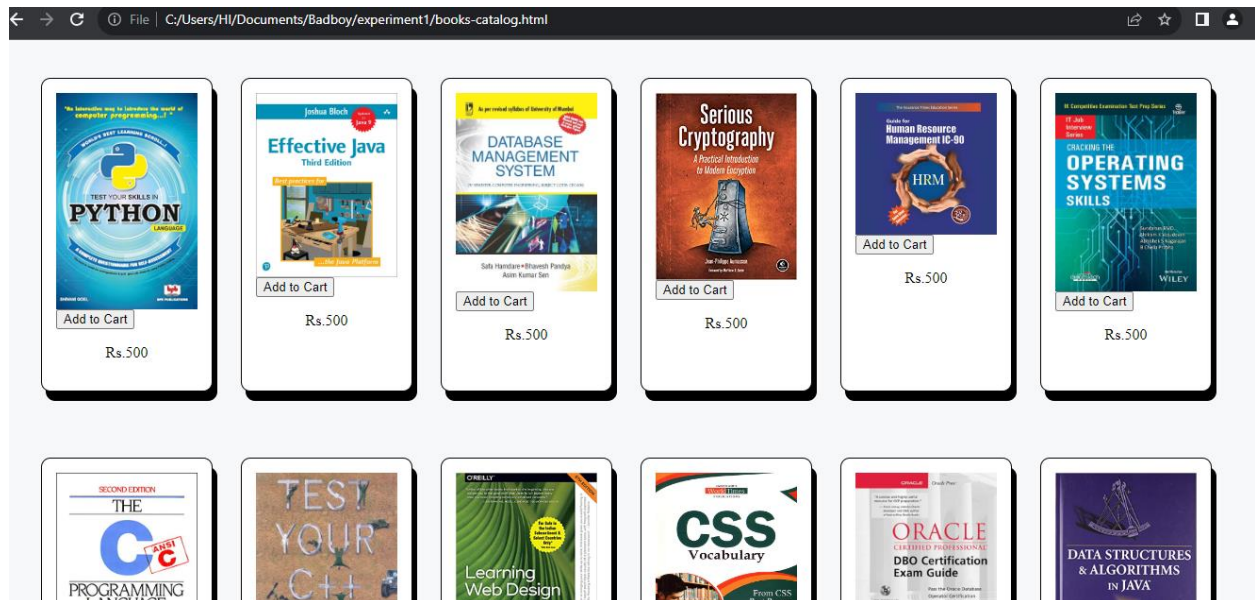
</main>

<a href="Index.html" class="login-container"
role="button">Done</a>

</body>
</html>

```

OUTPUT:



e) Shopping Cart

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <style>
    body{
      padding: 0px;
      margin: 0px;
      margin: 0px;
      text-align: center;
      background-image:
url(https://image.slidesdocs.com/responsive-
images/background/yellow-round-shopping-cart-e-commerce-
banner-geometric-simple-powerpoint-
background_020bbc567a__960_540.jpg);
    }

    .one img{
      width: 100px;
      height: 100px;
    }
    .two img{
```

```
    width: 100px;
    height: 100px;
}
.three img{
    width: 100px;
    height: 100px;
}
.four img{
    width: 100px;
    height: 100px;
}
.five img{
    width: 100px;
    height: 100px;
}
.six img{
    width: 100px;
    height: 100px;
}
.seven img{
    width: 100px;
    height: 100px;
}
.eight img{
```

```
    width: 100px;
    height: 100px;
}
.nine img{
    width: 100px;
    height: 100px;
}
.one h1{
    background-color: blue;
    box-shadow: black;
}
.one h2{
    background-color: blue;
    box-shadow: black;
}
.ten p{
    font-size: 50px;
    background-color: beige;
}
.ten a button{
    font-size: 20px;
}
.colone p{
```

```

        font-size: 20px;
    }
    .coltwo p{
        font-size: 20px;
    }
    .colthree p{
        font-size: 20px;
    }

</style>
<title>shopping cart</title>
</head>
<body>

    <section class="colone">
        <div class="one">
            <h1>Sopping cart</h1>
            <h2>Selected items are given below</h2>
            
            <p>Price:1000 rs </p>
            <p>Rating :- *****</p>
            <p>Delivery date:-1/9/2024</p>

```



```
<button>Select</button><br>
</div>
<div class="two">
  
  <p>Price:500 rs </p>
  <p>Rating :- ****</p>
  <p>Delivery date:-11/9/2024</p>
  <button>Select</button><br>
</div>
<div class="three">
  
  <p>Price:1500 rs </p>
  <p>Rating :- *****</p>
  <p>Delivery date:-05/9/2024</p>
  <button>Select</button><br>
</div>
</section>
<section class="coltwo">
  <div class="four">
```


<p>Price:500 rs </p>

<p>Rating :- *****</p>

<p>Delivery date:-11/10/2024</p>

<button>Select</button>

</div>

<div class="five">

<p>Price:1000 rs </p>

<p>Rating :- ****</p>

<p>Delivery date:-10/9/2024</p>

<button>Select</button>

</div>

<div class="six">

<p>Price:1000 rs </p>

<p>Rating :- **</p>

<p>Delivery date:-02/9/2024</p>

<button>Select</button>

</div>

</section>

<section class="colthree">

<div class="seven">

<p>Price:500 rs </p>

<p>Rating :- *****</p>

<p>Delivery date:-20/9/2024</p>

<button>Select</button>

</div>

<div class="eight">

<p>Price:1500 rs </p>

<p>Rating :- ****</p>

<p>Delivery date:-19/9/2024</p>

<button>Select</button>

</div>

```
<div class="nine">
```

```
    
```

```
    <p>Price:1500 rs </p>
```

```
    <p>Rating :- ***</p>
```

```
    <p>Delivery date:-12/9/2024</p>
```

```
    <button>Select</button><br>
```

```
</div>
```

```
<div class="ten">
```

```
<p>Total price :- 15000</p>
```

```
<a href="payment.html"><button>Buy now</button></a>
```

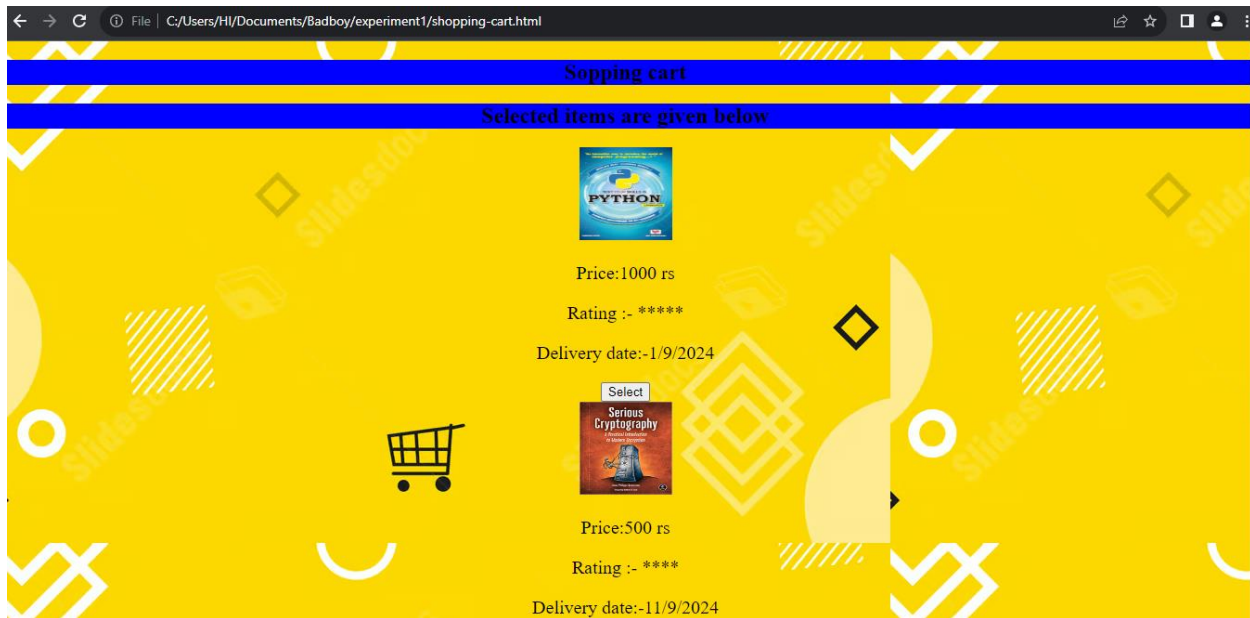
```
</div>
```

```
</section>
```

```
</body>
```

```
</html>
```

OUTPUT:



f) Payment By credit card

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
  <style>
```

```
    body{
```

```
      font-family: Arial, Helvetica, sans-serif;
```

```
        background-image:
url(https://cdn.pixabay.com/photo/2016/09/05/18/49/plasti
c-card-1647376_1280.jpg);
    }
    .pavan{
        text-align: center;
        text color: box-shadow: ;

    }
    .pavan h1{
        background-color: blue;
    }
    .pavan li a{

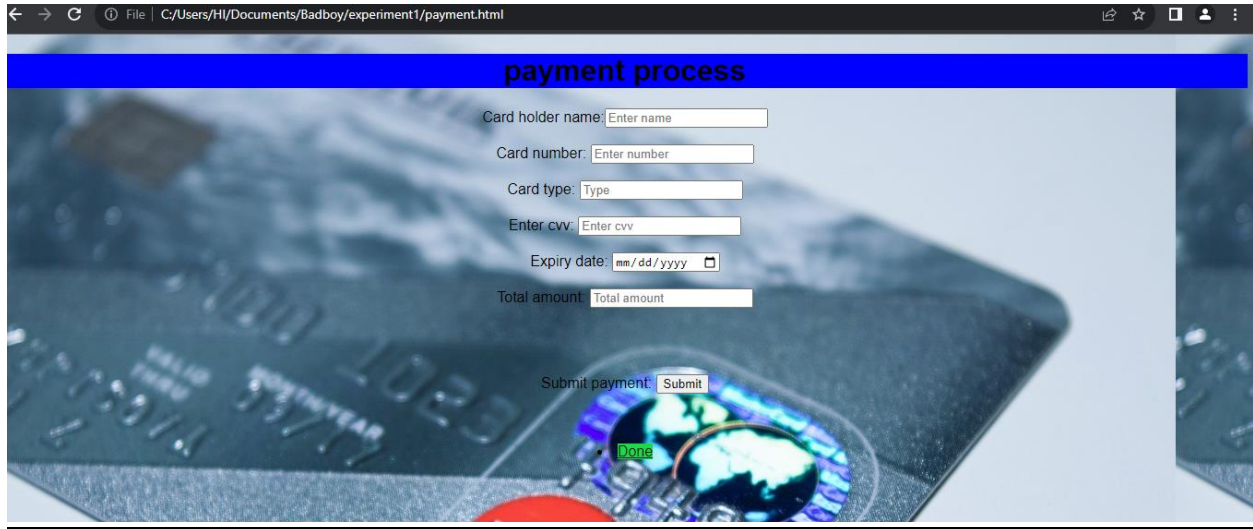
        background-color: rgb(29, 218, 70);
        color: rgb(20, 23, 26);
        font-size: 20;
    }
    .pavan li{
        text-align: center;

    }
```

```
</style>
<title>Payment</title>

</head>
<body>
  <div class="pavan">
    <h1>payment process</h1>
    Card holder name:<input type="label" placeholder="Enter
name" ><br><br>
    Card number: <input type="label" placeholder="Enter
number"><br><br>
    Card type: <input type="label"
placeholder="Type"><br><br>
    Enter cvv: <input type="label" placeholder="Enter
cvv"><br><br>
    Expiry date: <input type="date"><br><br>
    Total amount: <input type="label" placeholder="Total
amount"><br><br><br><br><br>
    Submit payment: <input type="submit"
><br><br><br><br>
    <li><a href="index.html">Done</a></li>
  </div>
</body>
</html>
```

OUTPUT:



g) Order Conformations

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
  <style>
```

```
    body{
```

```
      text-align: center;
```

```
      background-image: url(https://encrypted-  
tbn0.gstatic.com/images?q=tbn:ANd9GcR59ke0v1xmEQY-  
46NshgtMIQ_jeNHjen20vw&usqp=CAU);
```



```
    }  
    .pavan h1{  
        background-color: blue;  
        color: white;  
  
    }  
    .pavan input{  
        font-size: large;  
        background-color: rgb(204, 227, 240);  
        color: rgb(15, 9, 9);  
  
    }  
    .pavan button{  
        background-color: blue;  
        color: white;  
    }  
</style>  
<title>order status</title>  
</head>  
<body>  
    <div class="pavan">  
        <h1>ORDER STATUS</h1>
```


<h2>Item </h2>

Arrival date: <input type="text" value="01-09-2023"
>

Arrival Time: <input type="text" value="9.00 am-4.00
pm">

Item id: <input type="text"
value="1234wer4567rt">

Total amount: <input type="text" value="1500.00
rs">

Delivery boy num: <input type="text"
value="1234567">

<button>Cancel item</button>

<button>help</button>

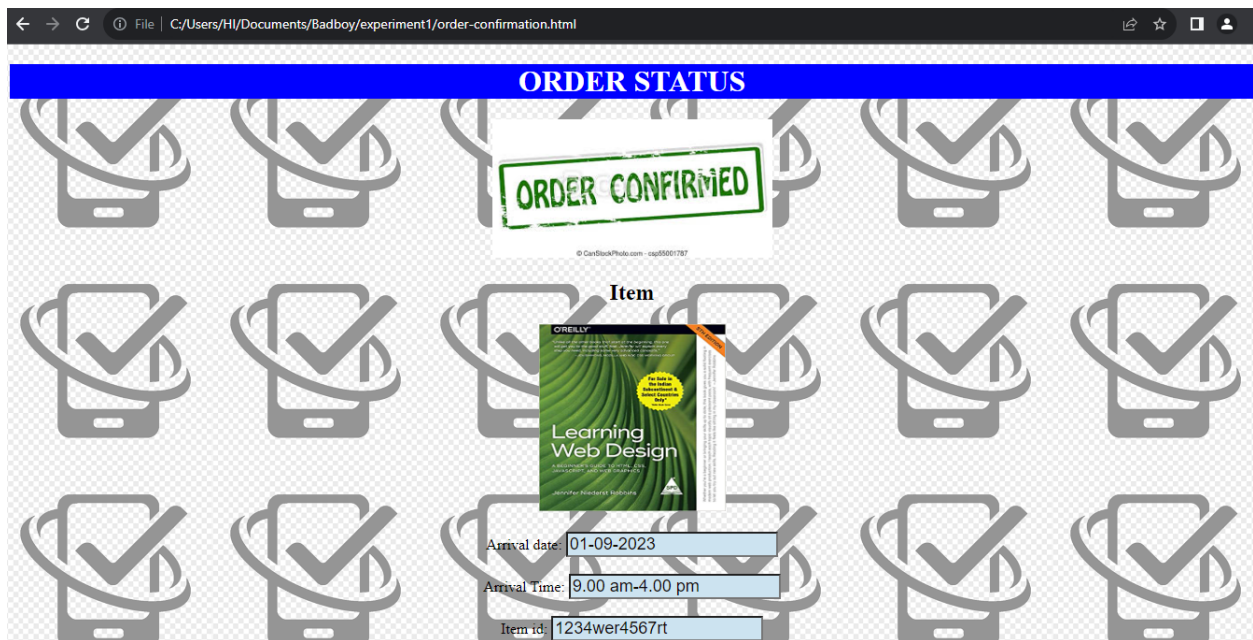
<button>Go to
homepage</button>

</div>

```
</body>
```

```
</html>
```

OUTPUT:



Experiment 2:

Create and save an XML document on the server, which contains 10 users information. Write a program, which takes User Id as an input and returns the user details by taking the user information from the XML document.

SOURCE CODE:

Index.html

```
<html>
<head>
</head>

<body>
<input type="text" name="searchvalue" id="searchvalue">
<input type="button" name="b1" id="b1" value="Click to load
xml" onclick="loadDoc()">
<table id="mytable" border="1"> </table>

<script>
function loadDoc(){
var xhttp=new XMLHttpRequest();
xhttp.onreadystatechange=function(){
if( this.readyState == 4 && this.status == 200){
```

```
readxml(this);
```

```
}
```

```
}
```

```
xhttp.open("GET","users.xml",true);
```

```
xhttp.send();
```

```
}
```

```
function readxml(xml){
```

```
var data=xml.responseXML;
```

```
var users=data.getElementsByTagName("user");
```

```
var sv=document.getElementById('searchvalue').value;
```

```
var
```

```
rows="<tr><td>id</td><td>Name</td><td>password</td></tr>"
```

```
for(var i=0;i<users.length;i++){
```

```
if(sv ==
```

```
users[i].getElementsByTagName('id')[0].childNodes[0].nodeValue
```

```
){
```

```
rows+="<tr>
```

```
<td>"+users[i].getElementsByTagName('id')[0].childNodes[0].nodeValue+"</td>
```

```
<td>"+users[i].getElementsByTagName('name')[0].childNodes[0].nodeValue+"</td>
```

```
<td>"+users[i].getElementsByTagName('password')[0].childNodes[0].nodeValue+"</td> </tr>";  
}  
}
```

```
document.getElementById('mytable').innerHTML=rows;  
}
```

```
</script>
```

```
</body>
```

```
</html>
```

Users.xml:

```
<users>  
  <user>  
    <id>1</id>  
    <name>pavan</name>  
    <user-name>pavan@1</user-name>  
    <password>pavan@1</password>
```

</user>

<user>

<id>2</id>

<name>satish</name>

<user-name>satish@2</user-name>

<password>satish@2</password>

</user>

<user>

<id>3</id>

<name>dinesh</name>

<user-name>dinesh@3</user-name>

<password>dinesh@3</password>

</user>

<user>

<id>4</id>

<name>ramu</name>

<user-name>ramu@4</user-name>

<password>ramu@4</password>

</user>

<user>

<id>5</id>

<name>sai</name>

<user-name>sai@5</user-name>

<password>sai@5</password>

</user>

<user>

<id>6</id>

<name>mohan</name>

<user-name>mohan@6</user-name>

<password>mohan@6</password>

</user>

<user>

<id>7</id>

<name>mani</name>

<user-name>mani@7</user-name>

<password>mani@7</password>

</user>

<user>

<id>8</id>

<name>vasu</name>

<user-name>vasu@8</user-name>

<password>vasu@8</password>

</user>

<user>

<id>9</id>

<name>yamini</name>

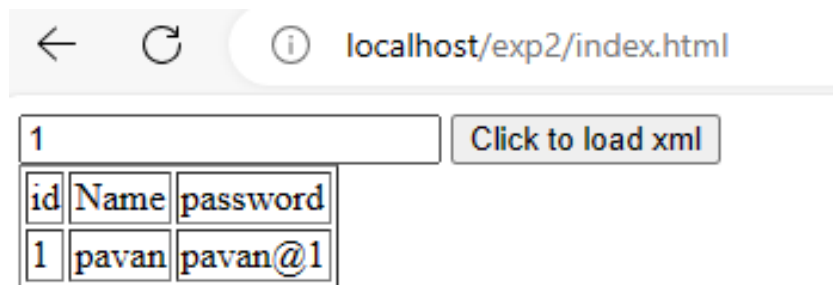
<user-name>yamini@9</user-name>

<password>yamini@9</password>


```
</user>
<user>
<id>10</id>
<name>satya chandana</name>
<user-name>sc@10</user-name>
<password>sc@10</password>
</user>

</users>
```

OUTPUT:



The screenshot shows a web browser window with the address bar displaying 'localhost/exp2/index.html'. Below the address bar, there is a text input field containing the number '1'. To the right of the input field is a button labeled 'Click to load xml'. Below these elements is a table with three columns: 'id', 'Name', and 'password'. The first row of data shows '1' in the 'id' column, 'pavan' in the 'Name' column, and 'pavan@1' in the 'password' column.

id	Name	password
1	pavan	pavan@1

Experiment 3:

Write a PHP script to merge two arrays and sort them as numbers, in descending order.

SOURCE CODE:

```
<html>
  <style>
    .body{
      font-weight: bold;
      padding-left:30px;
      padding-top:30px;

    }
    h1{
      font-size:35px;
      padding-left:35%;
    }
    h1:hover{
      color:red;
    }

    main:hover{
      color:blue;
    }
  </style>
</html>
```

```
</style>
<div class="body">
<div>
<h1>Merging and Sorting</h1>
</div>
<main>
<?php
$array1=[1,2,3,4,5,6,7,8];
$array2=[12,13,14,15,16,17];

$mergedarray=array_merge($array1,$array2);

echo "First Array:";
echo implode(" ", $array1);
echo "<br>";
echo "<br>";
echo "Second Array:";
echo implode(" ", $array2);
echo "<br>";
echo "<br>";

echo "Merged Array:";
echo implode(" ", $mergedarray);

echo "<br>";
```

```
echo "<br>";  
rsort($mergedarray);  
echo "Descending Order Sorted:";  
echo implode(" ,",$mergedarray);
```

```
?>  
</main>  
</div>  
</html>
```

OUTPUT:

localhost/wt/exp3.php

A 5

Merge and Sort

1ST Array:2 ,4 ,5 ,6 ,9 ,10

2ND Array:12 ,13 ,15 ,11 ,17 ,16

Merged Array:2 ,4 ,5 ,6 ,9 ,10 ,12 ,13 ,15 ,11 ,17 ,16

Descending Order Sorted:17 ,16 ,15 ,13 ,12 ,11 ,10 ,9 ,6 ,5 ,4 ,2

Experiment 4:

Write a PHP script that reads data from one file and write into another file.

SOURCE CODE:

```
<html>
  <style>
    .body{
      font-weight: bold;
      padding-left:30px;
      padding-top:30px;

    }
    h1{
      font-size:25px;
      padding-left:20%;
    }

  </style>
  <div class="body">

<main>
<?php
echo"reciever file : Empty <br><br>";
```

```
$file1=fopen("sender.txt","r");  
$file2=fopen("reciever.txt","w");  
$data=fread($file1,filesize(("sender.txt")));  
fwrite($file2,$data);  
echo "After Execution of Program<br><br>";  
echo "reciever file: ";  
echo "$data";  
fclose($file1);  
fclose($file2);  
?>  
</main>  
</div>  
</html>
```

OUTPUT:

```
≡ sender.txt  
1 hi this pavan  
2 from mca  
reciever.txt  
1
```

← → ↻ ⓘ localhost/wt/exp4.php

reciever file : Empty

After Execution of Program

reciever file: hi this pavan from mca

≡ reciever.txt

```
1 hi this pavan
2 from mca
```

Experiment 5:

Write a PHP script to print prime numbers between 1-50.

SOURCE CODE:

```
<html>
  <style>

    h1{
      font-size:35px;
      align-items: left;
      padding-top:5%;

    }
```

```
</style>
```

```
<h1> Print numbers between 1-50</h1>
```

```
<main class="pavan">
```

```
<?php
```

```
$num=1;
```

```
while($num<=50){
```

```
    echo "<tr>$num </tr>";
```

```
    $num++;
```

```
}
```

```
?></main>
```

```
</html>
```

OUTPUT:

← ↻ ⓘ localhost/wt/exp5.php

Print numbers between 1-50

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

Experiment 6:

Validate the Registration, user login, user profile and payment by credit card pages using JavaScript.

Source code:

Registration page.html:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <title>USER REG VALIDATION</title>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-
scale=1">

    <script>

        function regvalidation() {

            document.getElementById("usermsg").innerHTML = "";

            document.getElementById("pwdmsg").innerHTML = "";

            document.getElementById("cpwdmsg").innerHTML = "";

            document.getElementById("aadharmsg").innerHTML = "";

            document.getElementById("mmsg").innerHTML = "";

            let name = document.getElementById("uname").value;
```

```
let pwd = document.getElementById("upwd").value;

let cpwd = document.getElementById("cpwd").value;

let aadhar = document.getElementById("aadhar").value;

let mobile = document.getElementById("mno").value;


const nameptt = /[a-zA-Z]/i;

const pwdptt = /[a-zA-Z0-9]{8}/;

const cpwdptt = /[a-zA-Z0-9]{8}/;

const aadharptt = /[2-9]{1}[0-9]{11}/;

const mobileptt = /[6-9]{1}[0-9]{9}/;


if ((name == "") || (pwd == "") || (cpwd == "") || (aadhar ==
"") || (mobile == "") || !(nameptt.test(name)) || !(pwdptt.test(pwd)) ||
!(cpwdptt.test(cpwd)) || !(aadharptt.test(aadhar)) ||
!(mobileptt.test(mobile))) {

    if ((name == "") || !(nameptt.test(name))) {

        document.getElementById("usermsg").innerHTML =
"Enter Valid Username";

    }

    if ((pwd == "") || !(pwdptt.test(pwd))) {
```

```
        document.getElementById("pwdmsg").innerHTML =  
"Enter Valid password";  
    }  
    if ((cpwd == "") || !(cpwdptt.test(cpwd))) {  
        document.getElementById("cpwdmsg").innerHTML =  
"Enter Valid password";  
    }  
    if ((aadhar == "") || !(aadharptt.test(aadhar))) {  
        document.getElementById("aadharmsg").innerHTML =  
"Enter Valid Aadhar number";  
    }  
    if ((mobile == "") || !(mobileptt.test(mobile))) {  
        document.getElementById("mmsg").innerHTML =  
"Enter Valid Mobile number";  
    }  
    return false;  
} else {  
    return true;  
}  
}  
}
```

</script>

```
</head>
```

```
<body>
```

```
  <header>
```

```
    <h2>USER REG VALIDATION</h2>
```

```
  </header>
```

```
  <section>
```

```
    <fieldset>
```

```
      <legend>
```

```
        <h1><center>REGISTRATION</center></h1>
```

```
      </legend>
```

```
      <form id="reg" action="userlogin.html" onsubmit="return  
regvalidation()">
```

```
        <table>
```

```
          <tr>
```

```
            <td>User name:</td>
```

```
            <td><input          type="text"          name="uname"  
id="uname" required>
```

```
              <span                      style="color:maroon;"  
id="usermsg"></span></td>
```

```
</tr>

<tr>

    <td>Password:</td>

    <td><input    type="password"    name="upwd"
id="upwd" required>

        <span                                style="color:maroon;"
id="pwdmsg"></span></td>

</tr>

<tr>

    <td>Confirm password:</td>

    <td><input    type="password"    name="cpwd"
id="cpwd" required>

        <span                                style="color:maroon;"
id="cpwdmsg"></span></td>

</tr>

<tr>

    <td>Address:</td>

    <td><textarea    row="4"            col="15"
placeholder="Address" required></textarea></td>

</tr>

<tr>
```

```

        <td>Gender:</td>

        <td>

            <input type="radio" name="gender">Male

            <input type="radio" name="gender">Female

        </td>

    </tr>

    <tr>

        <td>Date of birth :</td>

        <td><input type="date" name="dob" id="dob"
required></td>

    </tr>

    <tr>

        <td>Aadhar Number :</td>

        <td><input type="text" name="aadhar"
id="aadhar" required>

            <span style="color:maroon;"
id="aadharmsg"></span></td>

    </tr>

    <tr>

        <td>Mobile Number :</td>

        <td><input type="tel" name="mno" id="mno" required>

```

```
<span style="color:maroon;" id="mmsg"></span></td></tr>

<tr>

<td>email :</td>

<td><input type="email" required></td></tr>

<tr> <td>

<input type="submit" name="submit" value="register" ></td> </tr>

<td>Already a member </td>

<td style="color:blue"><a href="userlogin.html"> <u> Sign Up
</u></a>

</table>

</form>

</p>

</fieldset>

</section>


</body>

</html>
```

Output:

USER REG VALIDATION

REGISTRATION

User name:	<input type="text"/>
Password:	<input type="password"/>
Confirm password:	<input type="password"/>
Address:	<input type="text" value="Address"/>
Gender:	<input type="radio"/> Male <input type="radio"/> Female
Date of birth :	<input type="text" value="mm / dd / yyyy"/> 
Aadhar Number :	<input type="text"/>
Mobile Number :	<input type="text"/>
email :	<input type="text"/>
<input type="button" value="register"/>	
Already a member Sign Up	

Userlogin.html:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<title>USER LOGIN VALIDATION</title>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-  
scale=1">
```



```
<script>

function validation()

{

document.getElementById("usermsg").innerHTML="";

document.getElementById("pwdmsg").innerHTML="";

let name=document.getElementById("uname").value;

let pwd=document.getElementById("upwd").value;

const nameptt=/[a-zA-Z]/i;

const pwddptt=/[a-zA-Z0-9]{8}/;

if((name=="") || (pwd=="") || !(nameptt.test(name)) || !(pwddptt.test(pwd)))

{

if((name=="") || !(nameptt.test(name)))

{

document.getElementById("usermsg").innerHTML="Enter      Valid

Username";

}

if((pwd=="") || !(pwddptt.test(pwd)))

{
```

```
document.getElementById("pwdmsg").innerHTML="Enter      Valid
password";

}

return false;

}

else

{

return true;

}

}

</script>

</head>

<body>

<header>

<h2><font          color="#FFDAB9">USER      LOGIN
VALIDATION</font></h2>

</header>

<section>

<article>

<fieldset style="border:2px solid #283350; border-radius:10px;">
```

```
<legend align=center>

<h1>User-Login</h1>

</legend>

<form id="ulogin" action="bookscatalog.html" onsubmit="return
validation()">

  <table align="center">

    <tr>

      <td>User name:</td>

      <td><input type="text" id="uname" name="uname" required>

        <span style="color:maroon;" id="usermsg"></span>

      </td> </tr>

      <tr> <td>Password:</td>

      <td><input type="text" id="upwd" name="upwd" required>

        <span style="color:maroon;" id="pwdmsg"></span></td></tr>

      <tr>

      <td><input type="submit" name="submit" value="login"></td>

      </tr>

    </table>

  <table>

    <tr>
```

```

<td>If not a member yet ? </td>

<td style="color:blue"><a href="registration page.html"> <u>
Register </u></a></td> </tr>

</table>

</form>

</fieldset>

</article>

</section>

</body>

</html>

```

Output:

USER LOGIN VALIDATION

User-Login

User name:

Password:

If not a member yet ? [Register](#)

UserProfilepage.html:

```

<!DOCTYPE html>

<html lang="en">

<head>

<title>USER PROFILE VALIDATION</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

```

<script>

```
function editvalidation() {
```

```
    document.getElementById("usermsg").innerHTML = "";
```

```
    document.getElementById("pwdmsg").innerHTML = "";
```

```
    document.getElementById("cpwdmsg").innerHTML = "";
```

```
    document.getElementById("aadharmsg").innerHTML = "";
```

```
    document.getElementById("mmsg").innerHTML = "";
```

```
    let name = document.getElementById("uname").value;
```

```
    let pwd = document.getElementById("upwd").value;
```

```
    let cpwd = document.getElementById("cpwd").value;
```

```
    let aadhar = document.getElementById("aadhar").value;
```

```
    let mobile = document.getElementById("mno").value;
```

```
    const nameptt = /[a-zA-Z]/i;
```

```
    const pwdptt = /[a-zA-Z0-9]{8}/;
```

```
    const cpwdptt = /[a-zA-Z0-9]{8}/;
```

```
    const aadharptt = /[2-9]{1}[0-9]{11}/;
```

```
    const mobileptt = /[6-9]{1}[0-9]{9}/;
```

```
    if ((name === "") || (pwd === "") || (cpwd === "") || (aadhar === "") || (mobile  
=== "") || !(nameptt.test(name)) || !(pwdptt.test(pwd)) || !(cpwdptt.test(cpwd)) ||  
!(aadharptt.test(aadhar)) || !(mobileptt.test(mobile))) {
```

```
        if ((name === "") || !(nameptt.test(name))) {
```

```
            document.getElementById("usermsg").innerHTML = "Enter Valid  
Username";
```

```
    }
    if ((pwd === "") || !(pwdptt.test(pwd))) {
        document.getElementById("pwdmsg").innerHTML = "Enter Valid
password";
    }
    if ((cpwd === "") || !(cpwdptt.test(cpwd))) {
        document.getElementById("cpwdmsg").innerHTML = "Enter Valid
password";
    }
    if ((aadhar === "") || !(aadharptt.test(aadhar))) {
        document.getElementById("aadharmsg").innerHTML = "Enter Valid
Aadhar number";
    }
    if ((mobile === "") || !(mobileptt.test(mobile))) {
        document.getElementById("mmsg").innerHTML = "Enter Valid
Mobile number";
    }

    return false;
} else {
    return true;
}
}
</script>
</head>
<body>
    <header>
```

```
<h2><font color="#FFDAB9">USER PROFILE VALIDATION</font></h2>
</header>
<section>
  <fieldset style="border:2px solid #283350; border-radius:10px;">
    <legend>
      <h1><center>Edit User Profile</center></h1>
    </legend>
    <form id="reg" onsubmit="return editvalidation()">
      <table>
        <tr>
          <td>User name:</td>
          <td><input type="text" name="uname" id="uname" required>
            <span style="color:maroon;" id="usermsg"></span></td>
        </tr>
        <tr>
          <td>Password:</td>
          <td><input type="password" name="upwd" id="upwd" required>
            <span style="color:maroon;" id="pwdmsg"></span></td>
        </tr>
        <tr>
          <td>Confirm password:</td>
          <td><input type="password" name="cpwd" id="cpwd" required>
            <span style="color:maroon;" id="cpwdmsg"></span></td>
        </tr>
      </table>
    </form>
  </fieldset>
</section>
```

```

        <td>Address:</td>
        <td><textarea    row="4"    col="15"    placeholder="Address"
required></textarea></td>
    </tr>
    <tr>
        <td>Gender:</td>
        <td>
            <input type="radio" name="gender" value="Male">Male
            <input type="radio" name="gender" value="Female">Female
        </td>
    </tr>
    <tr>
        <td>Date of birth :</td>
        <td><input type="date" name="dob" id="dob" required></td>
    </tr>
    <tr>
        <td>Aadhar Number :</td>
        <td><input type="text" name="aadhar" id="aadhar" required>
            <span style="color:maroon;" id="aadharmsg"></span></td>
    </tr>
    <tr>
        <td>Mobile Number :</td>
        <td><input type="tel" name="mno" id="mno" required>
            <span style="color:maroon;" id="mmsg"></span></td>
    </tr>
    <tr>

```



```

        <td>Email :</td>
        <td><input type="email" required></td>
    </tr>
    <tr>
        <td></td>
        <td>
            <input type="submit" name="submit" value="Validate"></td>
    </tr>
</table>
</form>
</fieldset>
</section>
</body>
</html>

```

Output:

USER PROFILE VALIDATION

Edit User Profile

User name:
Password:
Confirm password:
Address:
Gender:
Date of birth :
Aadhar Number :
Mobile Number :
Email :

☐ Male
☐ Female

Creditcardvalidation.html:

```
<form id="paymentForm" onsubmit="return
validatePayment()">
  <label for="creditCardNumber">Credit Card Number:</label>
  <input type="text" id="creditCardNumber" required>
  <input type="submit" value="Make Payment">
</form>
<script>
  function validatePayment() {
    var creditCardNumber =
document.getElementById('creditCardNumber').value;
    if (!isValidCreditCard(creditCardNumber)) {
      alert('Please enter a valid credit card number.');
```

```
      return false;
    }
    return true;
  }
  function isValidCreditCard(cardNumber) {
    return cardNumber.length === 16 &&
!isNaN(cardNumber);
  }
</script>
```

Output:

Credit Card Number:

Experiment 7:

Write a PHP script to:

- a) Find the length of a string.
- b) Count no of words in a string.
- c) Reverse a string.
- d) Search for a specific string.

SOURCE CODE:

```
<html>

  <style>
    .body{
      font-weight: bold;
      padding-left:30px;
      padding-top:30px;

    }
    h1{
      font-size:34px;
      padding-left:left;
    }

    main{
      style=color:green;
      padding: left 10px;
```

```
}
```

```
</style>
```

```
<div class="body">
```

```
<h1> a)length b)Count of word c)Reverse of String d)Search For  
String</h1>
```

```
</div>
```

```
<main>
```

```
<?php
```

```
$str="My name is pavan kumar ";
```

```
$length=strlen($str);
```

```
echo "A)The length of ".$str." is: ".$length."<br><br>";
```

```
$wordCount = str_word_count($str);
```

```
echo "B)The word count of ".$str." is: ".$wordCount."<br><br>";
```

```
$str1="I love my attitude";
```

```
$reverse=strrev($str1);
```

```
echo "C)String Reverse of ".$str1."is: ".$reverse."<br><br>";
```

```
$word="pavan";
```

```
$content="My name is pavan from 2nd mca";
```

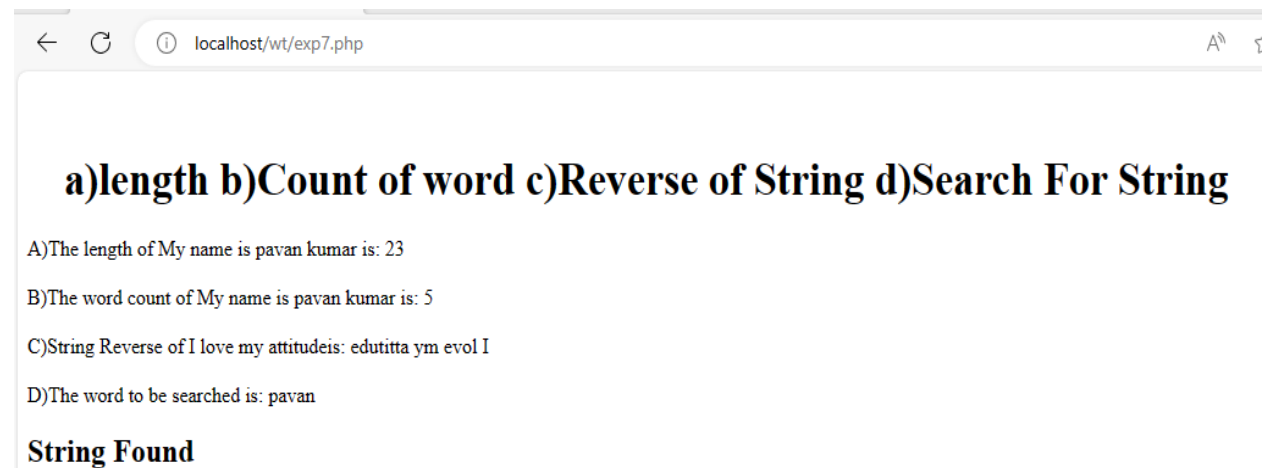
```
echo "D)The word to be searched is: ".$word;
```

```
if(strpos($content,$word)!=false)
```

```
{
    echo "<h2>String Found</h2>";
}
else
{
    echo "<h2>String Not Found</h2>";
}

?></main>
</html>
```

OUTPUT:



Experiment 8:

Create a simple application and perform CRUD operations (create, read, update, delete).

SOURCE CODE:

Create:

Studentreg.php

```
<!DOCTYPE html>
<html>
<head>
  <title>Student Registration</title>
  <style>
    body {
      background-image:
url(https://sbcobbstor.blob.core.windows.net/media/WWWCo
bb/pgg/4135/New%20Student%20Registration-2.jpg);
      font-family: Arial, sans-serif;
      background-color: #f3f3f3;
      margin: 0;
      padding: 0;
      display: flex;
      justify-content: center;
      align-items: center;
      min-height: 100vh;
```

```
}
```

```
.container {  
    background-color:transparent;  
    background-repeat: no-repeat;  
    background-position: center;  
    border-radius: 8px;  
    box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);  
    padding: 20px;  
    width: 400px;  
    border: inset;  
    font-size: 20px;  
    color:red ;  
}
```

```
h1 {  
    text-align: center;  
    color: whitesmoke;  
    background-color: black;  
}
```

```
label {  
    display: block;
```

```
margin-top: 10px;  
}
```

```
input[type="text"],  
input[type="email"],  
input[type="password"],  
input[type="tel"],  
select,  
textarea {  
    width: 100%;  
    padding: 10px;  
    margin: 10px 0;  
    border: 1px solid #ccc;  
    border-radius: 4px;  
}
```

```
input[type="submit"] {  
    width: 100%;  
    padding: 10px;  
    background-color: black;  
    color: #fff;  
    border: none;  
    border-radius: 4px;  
    cursor: pointer;
```



```
}

input[type="submit"]:hover {
    background-color: #555;
}
</style>
</head>
<body>
    <div class="container">
        <h1>Student Registration</h1>
        <form action="studentdata.php" method="post">
            <label for="name">Name:</label>
            <input type="text" id="name" name="name" required>

            <label for="surname">Surname:</label>
            <input type="text" id="surname" name="surname"
required>

            <label for="email">Email:</label>
            <input type="email" id="email" name="email" required>

            <label for="password">Password:</label>
            <input type="password" id="password"
name="password" required>
```

```
<label for="confirm_password">Confirm  
Password:</label>  
<input type="password" id="confirm_password"  
name="confirm_password" required>
```

```
<label for="gender">Gender:</label>  
<select id="gender" name="gender" required>  
  <option value="male">Male</option>  
  <option value="female">Female</option>  
  <option value="other">Other</option>  
</select>
```

```
<label for="phone">Phone Number:</label>  
<input type="tel" id="phone" name="phone" required>
```

```
<label for="city">City:</label>  
<input type="text" id="city" name="city" required>
```

```
<label for="state">State:</label>  
<input type="text" id="state" name="state" required>
```

```
<label for="country">Country:</label>
```

```
<input type="text" id="country" name="country"
required>
```

```
<label for="address">Address:</label>
<textarea id="address" name="address"
required></textarea>
```

```
<input type="submit" value="Register">
</form>
</div>
</body>
</html>
```

studentdata.php

```
<?php
include_once("db.php");

$name=$_POST['name'];
$surname=$_POST['surname'];
$email=$_POST['email'];
$pass=$_POST['password'];
$conpass=$_POST['confirm_password'];
$gender=$_POST['gender'];
```

```
$phn=$_POST['phone'];  
$city=$_POST['city'];  
$state=$_POST['state'];  
$country=$_POST['country'];  
$add=$_POST['address'];
```

```
$sql="insert into  
student(name,surname,email,password,confirmpassword,gender,Pho  
nenumner,city,state,country,address)  
values('$name','$surname','$email','$pass','$conpass','$gender','$phn'  
, '$city', '$state', '$country', '$add')";
```

```
$result=mysqli_query($conn,$sql);  
if($result){  
    echo "Record Inserted Successfully....";  
    header("Location: homepage.php");  
}
```

```
?>
```

OUTPUT:

Student Registration

Name: badboy

Surname: kollepara

Email: badboy@gmail.com

Password:

Confirm Password:

Gender: Male

NEW STUDENT REGISTRATION

ber of rows: 25 Filter rows: Search this table Sort by key: None

	id	name	surname	email	password	confirmpassword	gender	Phonenumber	city	state	country	address
Delete	1	pavan	kollepara	k.pavankumar1432n@gmail.com	1234	1234	male	9347989659	palakollu	andhra pradesh	India	kothapeta digamaru
Delete	2	abhi	chintha	abhi@gmail.com	1234	1234	female	1234567898	alamuru	andhra pradesh	India	alamuru marteru
Delete	3	badboy	kollepara	badboy@gmail.com	1234	1234	male	123456	nsp	Ap	India	palakollu

Read:

Sdash.php

```
<?php
include_once("db.php");
$sql1="select * from student";
$result1=mysqli_query($conn,$sql1);
```

```

$sql2="select * from uploadpost";
$result2=mysqli_query($conn,$sql2);
echo "<h1>STUDENT DASHBOARD</h1>";

echo "<br>";
echo "<table class='table table-hover'><h2>Student
Information</h2><tr><th>Name</th><th>Surname</th><th>Email<
/th><th>Password</th><th>Confirmpassword</th><th>Gender</th>
<th>phoneNumber</th><th>City</th><th>State</th><th>Country<
/th><th>Address</th><th>Edit</th><th>Delete</th></tr>";
while($row1=mysqli_fetch_array($result1)){
    echo "<tr>";
    echo "<td>".$row1["name"]."</td>";
    echo "<td>".$row1["surname"]."</td>";
    echo "<td>".$row1["email"]."</td>";
    echo "<td>".$row1["password"]."</td>";
    echo "<td>".$row1["confirmpassword"]."</td>";
    echo "<td>".$row1["gender"]."</td>";
    echo "<td>".$row1["phonenummer"]."</td>";
    echo "<td>".$row1["city"]."</td>";
    echo "<td>".$row1["state"]."</td>";
    echo "<td>".$row1["country"]."</td>";
    echo "<td>".$row1["address"]."</td>";
    echo "<td> <a href='stuedit.php?name=".$row1['name']."'> Edit
</a></td>";

```

```

        echo "<td> <a href='studelete.php?name=".$row1['name']."'> Delete
</a></td>";
        echo "</tr>";
    }
    echo "</table>";
?>

```

OUTPUT:

STUDENT DASHBOARD												
Student Information												
Name	Surname	Email	Password	Confirmpassword	Gender	phoneNumber	City	State	Country	Address	Edit	Delete
pavan	kollepara	k.pavankumar1432n@gmail.com	1234	1234	male	9347989659	palakollu	andhra pradesh	India	kothapeta digamaru	Edit	Delete
abhi	chintha	abhi@gmail.com	1234	1234	female	1234567898	alamuru	andhra pradesh	India	alamuru marteru	Edit	Delete
badboy	kollepara	badboy@gmail.com	1234	1234	male	123456	nsp	Ap	India	palakollu	Edit	Delete

Update:

Stuedit.php

```

<?php
include_once("db.php");
$name=$_GET['name'];
$sql="select * from student where name='".$name."'";
$result=mysqli_query($conn,$sql);
$row1=mysqli_fetch_assoc($result);

```

?>

<!DOCTYPE html>

<html>

<head>

<title>Student Registration</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f3f3f3;

margin: 0;

padding: 0;

display: flex;

justify-content: center;

align-items: center;

min-height: 100vh;

}

.container {

background-color: #fff;

border-radius: 8px;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

padding: 20px;

width: 400px;

}

h1 {


```
text-align: center;
color: #333;
background-color: gray;
}
```

```
label {
  display: block;
  margin-top: 10px;
}
```

```
input[type="text"],
input[type="email"],
input[type="password"],
input[type="tel"],
select,
textarea {
  width: 100%;
  padding: 10px;
  margin: 10px 0;
  border: 1px solid #ccc;
  border-radius: 4px;
}
```

```
input[type="submit"] {
  width: 100%;
  padding: 10px;
```

```
background-color: #333;
color: #fff;
border: none;
border-radius: 4px;
cursor: pointer;
}
```

```
input[type="submit"]:hover {
    background-color: #555;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h1>Student Registration</h1>
```

```
<form action="studentupdate.php" method="post">
```

```
<input type="hidden" name="name" value="<?php echo $name;
?>">
```

```
<label for="name">Name:</label>
```

```
<input type="text" value="<?php echo $row1['name']; ?>"
id="name" name="name" disabled>
```

```
<label for="surname">Surname:</label>
```

```
<input type="text" value="<?php echo $row1['surname'];
?>" id="surname" name="surname" required>
```

```
<label for="email">Email:</label>
<input type="email" value="<?php echo $row1['email']; ?>"
id="email" name="email" required>
```

```
<label for="password">Password:</label>
<input type="password" value="<?php echo
$row1['password']; ?>" id="password" name="password" required>
```

```
<label for="confirm_password">Confirm Password:</label>
<input type="password" value="<?php echo
$row1['confirmpassword']; ?>" id="confirm_password"
name="confirm_password" required>
```

```
<label for="gender">Gender:</label>
<select id="gender" value="<?php echo $row1['gender']; ?>"
name="gender" required>
  <option value="male">Male</option>
  <option value="female">Female</option>
  <option value="other">Other</option>
</select>
```

```
<label for="phone">Phone Number:</label>
<input type="tel" value="<?php echo $row1['phonenumber'];
?>" id="phone" name="phone" required>
```

```
<label for="city">City:</label>
```

```
<input type="text" value="<?php echo $row1['city']; ?>"
id="city" name="city" required>
```

```
<label for="state">State:</label>
<input type="text" value="<?php echo $row1['state']; ?>"
id="state" name="state" required>
```

```
<label for="country">Country:</label>
<input type="text" value="<?php echo $row1['country']; ?>"
id="country" name="country" required>
```

```
<label for="address">Address:</label>
<textarea id="address" name="address" required><?php
echo $row1['address']; ?></textarea>
```

```
<input type="submit" value="Register">
</form>
</div>
</body>
</html>
```

studentupdate.php

```
<?php
include_once("db.php");
$Name=$_POST['name'];
```

```
$surname=$_POST['surname'];  
$email=$_POST['email'];  
$pass=$_POST['password'];  
$conpass=$_POST['confirm_password'];  
$gender=$_POST['gender'];  
$phno=$_POST['phone'];  
$city=$_POST['city'];  
$state=$_POST['state'];  
$country=$_POST['country'];  
$address=$_POST['address'];
```

```
$sql="update student set  
name='$Name',surname='$surname',email='$email',password='$pass  
,confirmpassword='$conpass',gender='$gender',phonenummer='$phn  
o',city='$city',state='$state',country='$country',address='$address'  
where name='$Name'";
```

```
//echo $sql;
```

```
$result=mysqli_query($conn,$sql);
```

```
if($result){
```

```
    echo "record update sucessfully";
```

```
    header("Location:dashboard.php");
```

```
}
```

```
?>
```

OUTPUT:

Student Registration

Name:

Surname:

Email:

Password:

Confirm Password:

Gender:

Male

Phone Number:

Name	Surname	Email	Password	Confirmpassword	Gender	phoneNumber	City	State	Country	Address	Edit	Delete
pavan	kollepara	k.pavankumar1432n@gmail.com	1234	1234	male		palakollu	andhra pradesh	India	kothapeta digamaru	Edit	Delete
abhi	chintha	abhi@gmail.com	1234	1234	female		alamuru	andhra pradesh	India	alamuru marteru	Edit	Delete
badboy	kolleparaaa	badboy123@gmail.com	1234	1234	male		nsp	Ap	India	palakollu	Edit	Delete

Delete:

Studelete.php

```
<?php
include_once("db.php");
$name=$_GET['name'];
$sql="delete from student where name='".$name."'";
$result=mysqli_query($conn,$sql);
header("Location:dashboard.php");
?>
```

OUTPUT:

Name	Surname	Email	Password	Confirmpassword	Gender	phoneNumber	City	State	Country	Address	Edit	Delete
pavan	kollepara	k.pavankumar1432n@gmail.com	1234	1234	male		palakollu	andhra pradesh	India	kothapeta digamaru	Edit	Delete
abhi	chintha	abhi@gmail.com	1234	1234	female		alamuru	andhra pradesh	India	alamuru marteru	Edit	Delete

pavan		<input type="checkbox"/> Show all	Number of rows: 25	Filter rows: Search this table	Sort by key: None							
Extra options												
			id	name	surname	email	password	confirmpassword	gender	Phonenumber	city	state
<input type="checkbox"/>	Edit	Copy	Delete	1	pavan	kollepara	k.pavankumar1432n@gmail.com	1234	1234	male	9347989659	palakollu andhra prades
<input type="checkbox"/>	Edit	Copy	Delete	2	abhi	chintha	abhi@gmail.com	1234	1234	female	1234567898	alamuru andhra prades
		<input type="checkbox"/> Check all	With selected:		Edit	Copy	Delete	Export				

Experiment 9:

Create dashboards (student, Admin) based on a role by using sessions and perform logout.

SOURCE CODE:

Login:

Index.php

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <meta name="description" content="">
    <meta name="author" content="Mark Otto, Jacob Thornton, and
Bootstrap contributors">
    <meta name="generator" content="Hugo 0.84.0">
    <title>Signin Template · Bootstrap v5.0</title>

    <link rel="canonical"
href="https://getbootstrap.com/docs/5.0/examples/sign-in/">
```


<!-- Bootstrap core CSS -->

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

<style>

```
.bd-placeholder-img {  
  font-size: 1.125rem;  
  text-align: middle;  
  -webkit-user-select: none;  
  -moz-user-select: none;  
  user-select: none;  
}
```

```
@media (min-width: 768px) {  
  .bd-placeholder-img-lg {  
    font-size: 3.5rem;  
  }  
}
```

</style>

<!-- Custom styles for this template -->

<link href="signin.css" rel="stylesheet">

</head>

<body class="text-center">

```
<main class="form-signin">
  <form action="logincheck.php" method="post">
    
    <h1 class="h3 mb-3 fw-normal">Please sign in</h1>

    <div class="form-floating">
      <input type="text" class="form-control" id="uname"
name="uname">
      <label for="floatingInput">user Name</label>
    </div>

    <div class="form-floating">
      <input type="password" class="form-control" id="passwd"
name="passwd" placeholder="Password">
      <label for="floatingPassword">Password</label>
    </div>

    <button class="w-100 btn btn-lg btn-primary" type="submit">Sign
in</button>

    <p class="mt-5 mb-3 text-muted">&copy; 2017-2021</p>
  </form>
</main>
```

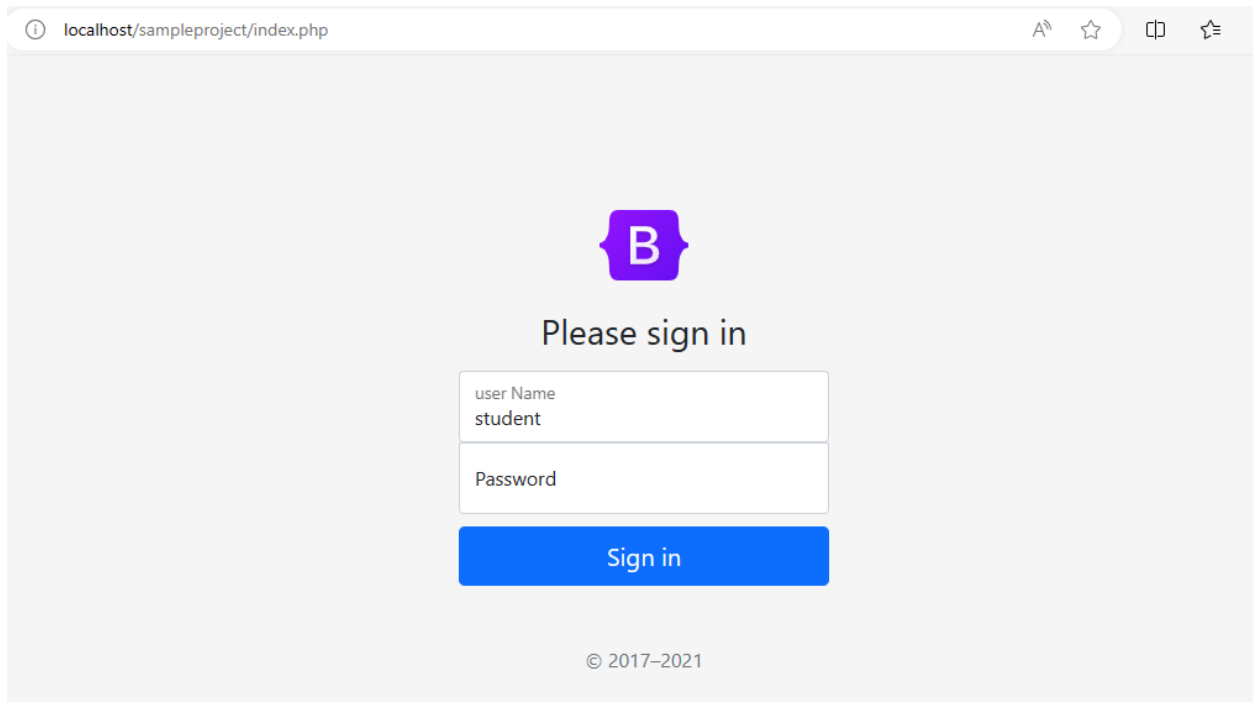
```
</body>
</html>
```

Logincheck.php


```
<?php
session_start();
include("dbconfig.php");
$username=$_POST['uname'];
$password=$_POST['passwd'];
$sql="select * from users where username='$username' and
password='$password'";
$result=mysqli_query($conn,$sql);
$row=mysqli_fetch_array($result);
if($row["id"]>= 1){
    $_SESSION['uid']= $row['id'];
    $_SESSION['username']=$row['username'];
    $_SESSION['user_type']=$row['user_type'];
    header('Location: dashboard.php');
}
else{
    header('Location: index.php');
}

?>
```

OUTPUT:



localhost/sampleproject/index.php



Please sign in

user Name
student

Password

Sign in

© 2017-2021

Student dashboard

```
<?php
session_start();
if (isset($_SESSION["username"]) && isset($_SESSION["user_type"])){

?>

<!doctype html>
<html lang="en">
  <head>
```

```
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-
scale=1">
<meta name="description" content="">
<meta name="author" content="Mark Otto, Jacob Thornton, and
Bootstrap contributors">
<meta name="generator" content="Hugo 0.84.0">
<title>Dashboard Template · Bootstrap v5.0</title>

<link rel="canonical"
href="https://getbootstrap.com/docs/5.0/examples/dashboard/">
```

<!-- Bootstrap core CSS -->

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

```
<style>
```

```
.bd-placeholder-img {
  font-size: 1.125rem;
  text-align: middle;
  -webkit-user-select: none;
  -moz-user-select: none;
  user-select: none;
}
```

```
@media (min-width: 768px) {  
  .bd-placeholder-img-lg {  
    font-size: 3.5rem;  
  }  
}  
  
</style>
```

<!-- Custom styles for this template -->

```
<link href="dashboard.css" rel="stylesheet">
```

```
</head>
```

```
<body>
```

```
<header class="navbar navbar-dark sticky-top bg-dark flex-md-  
nowrap p-0 shadow">
```

```
  <a class="navbar-brand col-md-3 col-lg-2 me-0 px-3"  
href="#">Sample Project</a>
```

```
  <button class="navbar-toggler position-absolute d-md-none  
collapsed" type="button" data-bs-toggle="collapse" data-bs-  
target="#sidebarMenu" aria-controls="sidebarMenu" aria-  
expanded="false" aria-label="Toggle navigation">
```

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

```
</button>
```

```
  <input class="form-control form-control-dark w-100" type="text"  
placeholder="Search" aria-label="Search">
```

```
  <div class="navbar-nav">
```

```

<div class="nav-item text-nowrap">
  <a class="nav-link px-3" href="logout.php">Sign out</a>
</div>
</div>
</header>

<div class="container-fluid">
  <div class="row">
    <nav id="sidebarMenu" class="col-md-3 col-lg-2 d-md-block bg-light
sidebar collapse">
      <div class="position-sticky pt-3">
        <ul class="nav flex-column">
          <li class="nav-item">
            <a class="nav-link active" aria-current="page" href="#">
              <span data-feather="home"></span>
              Dashboard
            </a>
          </li>
          <?php
            if($_SESSION["user_type"] == "student"){
              ?>
              <li class="nav-item">
                <a class="nav-link"
href="dashboard.php?page=addstudentdet">
                  <span data-feather="file"></span>
                  Student Details

```

```
</a>
</li>
<?php } ?>
```

```
<?php
if($_SESSION["user_type"] == "admin"){
?>
<li class="nav-item">
  <a class="nav-link"
href="dashboard.php?page=adminwelcome">
    <span data-feather="shopping-cart"></span>
    Admin Dashboard
  </a>
</li>
<?php } ?>
</ul>
```

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

```
<main class="col-md-9 ms-sm-auto col-lg-10 px-md-4">
  <div class="d-flex justify-content-between flex-wrap flex-md-
nowrap align-items-center pt-3 pb-2 mb-3 border-bottom">
    <h1 class="h2">Dashboard</h1>
```


</div>

<div class="table-responsive">

<?php

if(\$_SESSION["user_type"] == "student"){

 echo "<h3>Welcome to Student</h3>";

}

if(\$_SESSION["user_type"] == "admin"){

 echo "<h3>Welcome to Admin</h3>";

}

if(isset(\$_GET['page'])){

if(\$_GET['page']=='addstudentdet'){

 include('addstudentdetails.php');

}

if(\$_GET['page']=='adminwelcome){

 include('adminw.php');

}

}

?>

```
</div>
</main>
</div>
</div>
```

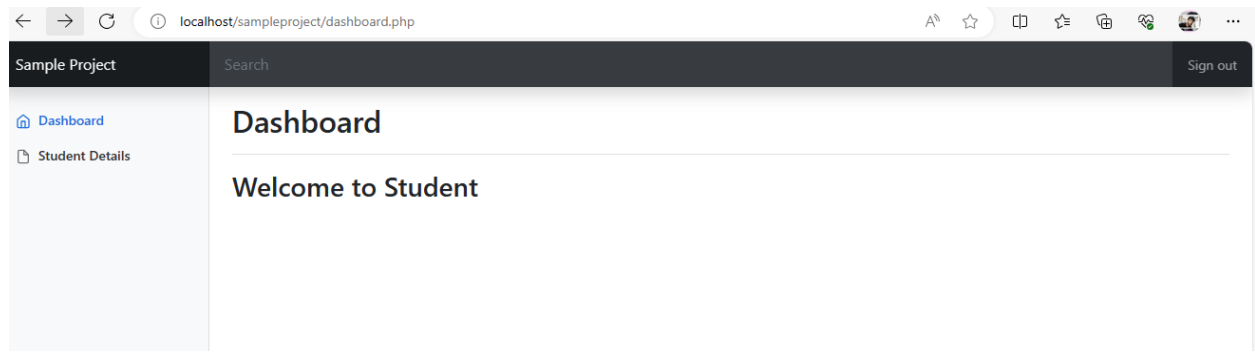
```
<script src="assets/dist/js/bootstrap.bundle.min.js"></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/feather-
icons@4.28.0/dist/feather.min.js" integrity="sha384-
uO3SXW5IuS1ZpFPKugNNWqTZRRglnUJK6UAZ/gxOX80nxEkN9NcG
ZTftn6RzhGWE" crossorigin="anonymous"></script><script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"
integrity="sha384-
zNy6FEbO50N+Cg5wap8IKA4M/ZnLJgzc6w2NqACZaK0u0FXfOWRR
JOnQtPZun8ha" crossorigin="anonymous"></script><script
src="dashboard.js"></script>
</body>
</html>
```

```
<?php
}
else {
```

```
header("Location: index.php");  
}  
?>
```

OUTPUT:



Admin dashboard:

```
<?php  
session_start();  
if (isset($_SESSION["username"]) && isset($_SESSION["user_type"])){  
  
?  
  
<!doctype html>  
<html lang="en">  
  <head>  
    <meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-
scale=1">
<meta name="description" content="">
<meta name="author" content="Mark Otto, Jacob Thornton, and
Bootstrap contributors">
<meta name="generator" content="Hugo 0.84.0">
<title>Dashboard Template · Bootstrap v5.0</title>

<link rel="canonical"
href="https://getbootstrap.com/docs/5.0/examples/dashboard/">
```

<!-- Bootstrap core CSS -->

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

```
<style>
```

```
.bd-placeholder-img {
  font-size: 1.125rem;
  text-align: middle;
  -webkit-user-select: none;
  -moz-user-select: none;
  user-select: none;
}
```

```
@media (min-width: 768px) {
```

```
.bd-placeholder-img-lg {  
    font-size: 3.5rem;  
}  
}  
</style>
```

```
<!-- Custom styles for this template -->
```

```
<link href="dashboard.css" rel="stylesheet">
```

```
</head>
```

```
<body>
```

```
<header class="navbar navbar-dark sticky-top bg-dark flex-md-  
nowrap p-0 shadow">
```

```
<a class="navbar-brand col-md-3 col-lg-2 me-0 px-3"  
href="#">Sample Project</a>
```

```
<button class="navbar-toggler position-absolute d-md-none  
collapsed" type="button" data-bs-toggle="collapse" data-bs-  
target="#sidebarMenu" aria-controls="sidebarMenu" aria-  
expanded="false" aria-label="Toggle navigation">
```

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

```
</button>
```

```
<input class="form-control form-control-dark w-100" type="text"  
placeholder="Search" aria-label="Search">
```

```
<div class="navbar-nav">
```

```
<div class="nav-item text-nowrap">
```

```

        <a class="nav-link px-3" href="logout.php">Sign out</a>
    </div>
</div>
</header>

<div class="container-fluid">
    <div class="row">
        <nav id="sidebarMenu" class="col-md-3 col-lg-2 d-md-block bg-light
        sidebar collapse">
            <div class="position-sticky pt-3">
                <ul class="nav flex-column">
                    <li class="nav-item">
                        <a class="nav-link active" aria-current="page" href="#">
                            <span data-feather="home"></span>
                            Dashboard
                        </a>
                    </li>
                    <?php
                    if($_SESSION["user_type"] == "student"){
                    ?>
                    <li class="nav-item">
                        <a class="nav-link"
href="dashboard.php?page=addstudentdet">
                            <span data-feather="file"></span>
                            Student Details
                        </a>

```

```
</li>
```

```
<?php } ?>
```

```
<?php
```

```
if($_SESSION["user_type"] == "admin"){
```

```
?>
```

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

```
<a class="nav-link"
```

```
href="dashboard.php?page=adminwelcome">
```

```
<span data-feather="shopping-cart"></span>
```

```
Admin Dashboard
```

```
</a>
```

```
</li>
```

```
<?php } ?>
```

```
</ul>
```

```
</div>
```

```
</nav>
```

```
<main class="col-md-9 ms-sm-auto col-lg-10 px-md-4">
```

```
<div class="d-flex justify-content-between flex-wrap flex-md-nowrap align-items-center pt-3 pb-2 mb-3 border-bottom">
```

```
<h1 class="h2">Dashboard</h1>
```

```
</div>
```

```
<div class="table-responsive">
    <?php
    if($_SESSION["user_type"] == "student"){
        echo "<h3>Welcome to Student</h3>";
    }
    if($_SESSION["user_type"] == "admin"){
        echo "<h3>Welcome to Admin</h3>";
    }
    if(isset($_GET['page'])){
        if($_GET['page']=='addstudentdet'){
            include('addstudentdetails.php');
        }
        if($_GET['page']=='adminwelcome'){
            include('adminw.php');
        }
    }
    ?>
```



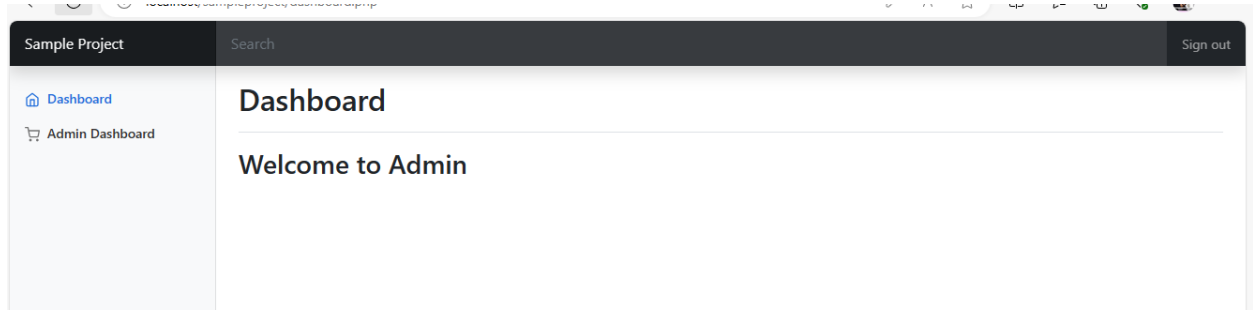
```
</div>
</main>
</div>
</div>
```

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

```
<script src="https://cdn.jsdelivr.net/npm/feather-
icons@4.28.0/dist/feather.min.js" integrity="sha384-
uO3SXW5luS1ZpFPKugNNWqTZRRglnUJK6UAZ/gxOX80nxEkN9NcG
ZTftn6RzhGWE" crossorigin="anonymous"></script><script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"
integrity="sha384-
zNy6FEbO50N+Cg5wap8IKA4M/ZnLJgzc6w2NqACZaK0u0FXfOWRR
JOnQtpZun8ha" crossorigin="anonymous"></script><script
src="dashboard.js"></script>
</body>
</html>
```

```
<?php
}
else {
header("Location: index.php");
}
?>
```

OUTPUT:



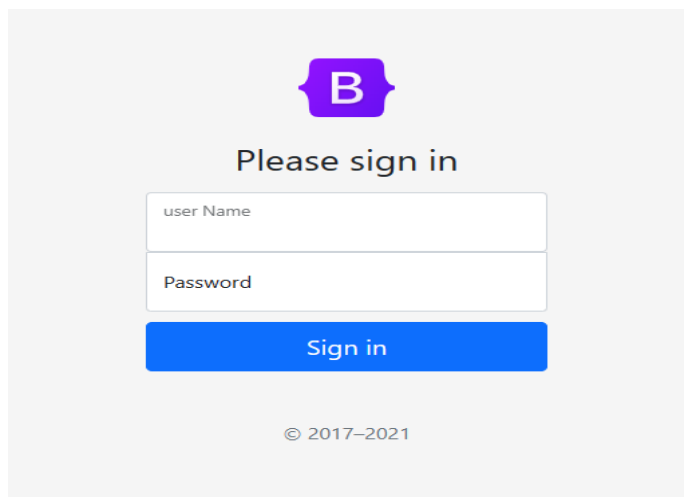
Logout:

```
<?php
session_start();

session_destroy();
header("Location: index.php");

?>
```

OUTPUT:



Experiment:10

Perform CRUD operations with JavaScript.

SOURCE CODE:

Index.jsp:

```
<%@ page language="java" contentType="text/html;
charset=ISO-8859-1"

    pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">

<title>Insert title here</title>

</head>

<body>

<a href="adduserform.jsp">Add User</a>

<a href="viewusers.jsp">View Users</a>
```

</body>

</html>

adduserform.jsp:

```
<%@ page language="java" contentType="text/html;
charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">
```

```
<title>Add User Form</title>
```

```
</head>
```

```
<body>
```

```
<jsp:include page="userform.html"></jsp:include>
```

```
</body>
```

```
</html>
```

Viewusers.jsp:

```
<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-
8859-1">

<title>View Users</title>

</head>

<body>

<%@page
import="com.javatpoint.dao.UserDao,com.javatpoint.bean.*,java.util
.*"%>

<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<h1>Users List</h1>

<%

List<User> list=UserDao.getAllRecords();

request.setAttribute("list",list);

%>

<table border="1" width="90%">

<tr><th>Id</th><th>Name</th><th>Password</th><th>Email</th>
<th>Sex</th><th>Country</th><th>Edit</th><th>Delete</th></tr>

</tr>
```

```

<c:forEach items="${list}" var="u">

    <tr><td>${u.getId()}</td><td>${u.getName()}</td><td>${u.getP
assword()}</td><td>${u.getEmail()}</td><td>${u.getSex()}</td><td>
${u.getCountry()}</td><td><a
href="editform.jsp?id=${u.getId()}">Edit</a></td><td><a
href="deleteuser.jsp?id=${u.getId()}">Delete</a></td></tr>

</c:forEach>

</table>

<br/><a href="adduserform.jsp">Add New User</a>

</body>

</html>

```

adduser.jsp:

```

<%@page import="com.javatpoint.dao.UserDao"%>

<jsp:useBean                                id="u"
class="com.javatpoint.bean.User"></jsp:useBean>

<jsp:setProperty property="*" name="u"/>

<%

int i=UserDao.save(u);

if(i>0){

response.sendRedirect("adduser-success.jsp");

```

```
}else{  
  
response.sendRedirect("adduser-error.jsp");  
  
}  
  
%>
```

Edituser.jsp:

```
<%@page import="com.javatpoint.dao.UserDao"%>  
  
<jsp:useBean                                id="u"  
class="com.javatpoint.bean.User"></jsp:useBean>  
  
<jsp:setProperty property="*" name="u"/>  
  
  
  
<%  
  
int i=UserDao.update(u);  
  
response.sendRedirect("viewusers.jsp");  
  
%>
```

Editform.jsp:

```
<head>  
  
<meta http-equiv="Content-Type" content="text/html; charset=ISO-  
8859-1">  
  
<title>Edit Form</title>  
  
</head>
```

```
<body>

<%@page
import="com.javatpoint.dao.UserDao,com.javatpoint.bean.User"%>

<%

String id=request.getParameter("id");

User u=UserDao.getRecordById(Integer.parseInt(id));

%>

<h1>Edit Form</h1>

<form action="edituser.jsp" method="post">

<input type="hidden" name="id" value="<%=u.getId() %>"/>

<table>

<tr><td>Name:</td><td><input      type="text"      name="name"
value="<%= u.getName()%>"/></td></tr>

<tr><td>Password:</td><td><input                        type="password"
name="password" value="<%= u.getPassword()%>"/></td></tr>

<tr><td>Email:</td><td><input      type="email"      name="email"
value="<%= u.getEmail()%>"/></td></tr>
```



```

<tr><td>Sex:</td><td><input      type="radio"      name="sex"
value="male"/>Male      <input      type="radio"      name="sex"
value="female"/>Female </td></tr>

<tr><td>Country:</td><td>

<select name="country">

<option>India</option>

<option>Pakistan</option>

<option>Afghanistan</option>

<option>Berma</option>

<option>Other</option>

</select>

</td></tr>

<tr><td      colspan="2"><input      type="submit"      value="Edit
User"/></td></tr>

</table>

</form>

</body>

</html>

```

Deleteuser:

```

<%@page import="com.javatpoint.dao.UserDao"%>

```

```
<jsp:useBean                                     id="u"  
class="com.javatpoint.bean.User"></jsp:useBean>
```

```
<jsp:setProperty property="*" name="u"/>
```

```
<%
```

```
UserDao.delete(u);
```

```
response.sendRedirect("viewusers.jsp");
```

```
%>
```

Experiment:11

SOURCE CODE:

Emp.java:

```
        private int id;

private String name,password,email,country;

public int getId() {

    return id;

}

public void setId(int id) {

    this.id = id;

}

public String getName() {

    return name;

}

public void setName(String name) {

    this.name = name;

}

public String getPassword() {
```

```
        return password;
    }

    public void setPassword(String password) {

        this.password = password;
    }

    public String getEmail() {

        return email;
    }

    public void setEmail(String email) {

        this.email = email;
    }

    public String getCountry() {

        return country;
    }

    public void setCountry(String country) {

        this.country = country;
    }
}
```

Empdao.java:

```
import java.util.*;
```

```
import java.sql.*;
```

```
public class EmpDao {
```

```
    public static Connection getConnection(){
```

```
        Connection con=null;
```

```
        try{
```

```
            Class.forName("oracle.jdbc.driver.OracleDriver");
```

```
            con=DriverManager.getConnection("jdbc:oracle:thin:@localhost  
:1521:xe","system","oracle");
```

```
        }catch(Exception e){System.out.println(e);} 
```

```
        return con;
```

```
    }
```

```
    public static int save(Emp e){
```

```
        int status=0;
```

```
        try{
```

```
            Connection con=EmpDao.getConnection();
```

```
            PreparedStatement ps=con.prepareStatement("insert  
into user905(name,password,email,country) values (?, ?, ?, ?)");
```

```
            ps.setString(1,e.getName());
```

```

        ps.setString(2,e.getPassword());

        ps.setString(3,e.getEmail());

        ps.setString(4,e.getCountry());


        status=ps.executeUpdate();


        con.close();

    }catch(Exception ex){ex.printStackTrace();}


    return status;

}

public static int update(Emp e){

    int status=0;

    try{

        Connection con=EmpDao.getConnection();

        PreparedStatement

ps=con.prepareStatement("update          user905          set
name=?,password=?,email=?,country=? where id=?");

        ps.setString(1,e.getName());

        ps.setString(2,e.getPassword());

```

```
        ps.setString(3,e.getEmail());

        ps.setString(4,e.getCountry());

        ps.setInt(5,e.getId());


        status=ps.executeUpdate();


        con.close();

    }catch(Exception ex){ex.printStackTrace();}

    return status;

}

public static int delete(int id){

    int status=0;

    try{

        Connection con=EmpDao.getConnection();

        PreparedStatement

ps=con.prepareStatement("delete from user905 where id=?");

        ps.setInt(1,id);

        status=ps.executeUpdate();

    }
```

```
        con.close();

    }catch(Exception e){e.printStackTrace();}

    return status;

}

public static Emp getEmployeeById(int id){

    Emp e=new Emp();

    try{

        Connection con=EmpDao.getConnection();

        PreparedStatement ps=con.prepareStatement("select
* from user905 where id=?");

        ps.setInt(1,id);

        ResultSet rs=ps.executeQuery();

        if(rs.next()){

            e.setId(rs.getInt(1));

            e.setName(rs.getString(2));

            e.setPassword(rs.getString(3));

            e.setEmail(rs.getString(4));

            e.setCountry(rs.getString(5));
```



```
        }

        con.close();

    }catch(Exception ex){ex.printStackTrace();}

    return e;
}

public static List<Emp> getAllEmployees(){

    List<Emp> list=new ArrayList<Emp>();

    try{

        Connection con=EmpDao.getConnection();

        PreparedStatement ps=con.prepareStatement("select
* from user905");

        ResultSet rs=ps.executeQuery();

        while(rs.next()){

            Emp e=new Emp();

            e.setId(rs.getInt(1));

            e.setName(rs.getString(2));

            e.setPassword(rs.getString(3));

            e.setEmail(rs.getString(4));
```

```
        e.setCountry(rs.getString(5));

        list.add(e);

    }

    con.close();

} catch (Exception e) {e.printStackTrace();}

return list;

}

}
```

Viewservlet.java:

```
import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/ViewServlet")

public class ViewServlet extends HttpServlet {
```

```

        protected void doGet(HttpServletRequest request,
        HttpServletResponse response) throws ServletException,
        IOException {

            response.setContentType("text/html");

            PrintWriter out=response.getWriter();

            out.println("<a href='index.html'>Add New
Employee</a>");

            out.println("<h1>Employees List</h1>");


            List<Emp> list=EmpDao.getAllEmployees();


            out.print("<table border='1' width='100%'>


                out.print("<tr><th>Id</th><th>Name</th><th>Password</th>
<th>Email</th><th>Country</th><th>Edit</th><th>Delete</th></
tr>");

                for(Emp e:list){

                    out.print("<tr><td>"+e.getId()+"</td><td>"+e.getName()+"</td>
<td>"+e.getPassword()+"</td><td>"+e.getEmail()+"</td><td>"+e.getC
ountry()+"</td><td><a
href='EditServlet?id="+e.getId()+">edit</a></td><td><a
href='DeleteServlet?id="+e.getId()+">delete</a></td></tr>");

```

```
    }  
    out.print("</table>");  
  
    out.close();  
}  
}
```

SaveServlet.java:

```
import javax.servlet.ServletException;  
import javax.servlet.annotation.WebServlet;  
import javax.servlet.http.HttpServlet;  
import javax.servlet.http.HttpServletRequest;  
import javax.servlet.http.HttpServletResponse;  
@WebServlet("/SaveServlet")  
public class SaveServlet extends HttpServlet {  
    protected void doPost(HttpServletRequest request,  
        HttpServletResponse response) throws ServletException,  
        IOException {  
        response.setContentType("text/html");  
        PrintWriter out=response.getWriter();
```

```
String name=request.getParameter("name");  
  
String password=request.getParameter("password");  
  
String email=request.getParameter("email");  
  
String country=request.getParameter("country");
```

```
Emp e=new Emp();  
  
e.setName(name);  
  
e.setPassword(password);  
  
e.setEmail(email);  
  
e.setCountry(country);
```

```
int status=EmpDao.save(e);  
  
if(status>0){  
  
    out.print("<p>Record saved successfully!</p>");
```

```
    request.getRequestDispatcher("index.html").include(request,  
response);
```

```
    }else{  
  
        out.println("Sorry! unable to save record");  
  
    }
```

```
        out.close();  
    }  
  
}
```

EditServlet.java:

```
import javax.servlet.http.HttpServlet;  
import javax.servlet.http.HttpServletRequest;  
import javax.servlet.http.HttpServletResponse;  
@WebServlet("/EditServlet2")  
public class EditServlet2 extends HttpServlet {  
    protected void doPost(HttpServletRequest request,  
        HttpServletResponse response) throws ServletException,  
        IOException {  
        response.setContentType("text/html");  
        PrintWriter out=response.getWriter();  
  
        String sid=request.getParameter("id");  
        int id=Integer.parseInt(sid);  
        String name=request.getParameter("name");
```

```
String password=request.getParameter("password");
```

```
String email=request.getParameter("email");
```

```
String country=request.getParameter("country");
```

```
Emp e=new Emp();
```

```
e.setId(id);
```

```
e.setName(name);
```

```
e.setPassword(password);
```

```
e.setEmail(email);
```

```
e.setCountry(country);
```

```
int status=EmpDao.update(e);
```

```
if(status>0){
```

```
    response.sendRedirect("ViewServlet");
```

```
}else{
```

```
    out.println("Sorry! unable to update record");
```

```
}
```

```
out.close();
```

```
}
```

```
}
```

Deleteservlet.java:

```
import java.io.IOException;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.annotation.WebServlet;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
@WebServlet("/DeleteServlet")
```

```
public class DeleteServlet extends HttpServlet {
```

```
    protected void doGet(HttpServletRequest request,  
        HttpServletResponse response) throws ServletException,  
        IOException {
```

```
        String sid=request.getParameter("id");
```

```
        int id=Integer.parseInt(sid);
```

```
        EmpDao.delete(id);
```

```
        response.sendRedirect("ViewServlet");
```

```
    }
```

```
}
```