

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Macche, Belagavi-590018



A

Course Practical Report

Submitted in partial fulfillment for the course
18CS63- Web Technology and its Applications

Submitted by

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1HK19CS151

Under the Guidance of
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2021-2022



Department of Computer Science & Engineering

HKBK COLLEGE of ENGINEERING

(Approved by AICTE & Affiliated with VTU)

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HKBK COLLEGE of ENGINEERING

Nagawara, Bangalore-560 045
Approved by AICTE & Affiliated with VTU

Department of Computer Science and Engineering

Certificate

Certified that the course practical carried out by **Sonam Dorji (1HK19CS151)** is a bona fide student of the Department of Computer Science and Engineering in **HKBK COLLEGE of ENGINEERING**, in partial fulfillment for the course **18CS63-Web Technology and its Applications** during the year **2021-22**.

Marks Obtained = _____/20

Course Faculty

HOD



HKBK COLLEGE of ENGINEERING

Nagawara, Bangalore-560 045

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S. No	Date	Name of Experiment	Marks Obtained	Faculty Sign
1.		Design a simple web page template for organizations that has sections for about, services & contact information.		
2.		Design a web page and embed various multimedia features in the page.		
3.		Write an HTML program to Design a timetable and display it in tabular format display the data using a table and style up with CSS.		
4.		Design an employee registration page for an organization using HTML and CSS.		
5.		Write a JavaScript program for mouse events onclick, onmouseover & onmouseout.t		
6.		Design a simple user inquiry form in HTML with JavaScript validation		
7		Write a JS program with accessing object methods		
8		Design signup form to validate username, password, phone numbers, etc. using Java Script		
9.		Write a PHP program to create and write into a file.		
10.		Write a PHP program to insert the value into a database and delete a value from the database from a form		
11.		Write an XML program to display student info (name, reg no, grade, mobile number)		
12.		Design a site in WordPress.		

Total = _____ / 20

Experiment 1. Design a simple web page template for organizations that has sections for about, services, & contact information.

Code

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<title>Experiment One</title>
<meta charset="UTF-8">
<link rel="stylesheet" href="layout.css" type="text/css">
</head>
<body>
<div class="wrapper row1">
<header id="header" class="clear">
<div id="hgroup">
<h1><a href="#">Experiment One</a></h1>
<h2>Basic HTML5 Website Template</h2>
</div>
<nav>
<ul>
<li><a href="#">About</a></li>
<li><a href="#">Services</a></li>
<li class="last"><a href="#">Contact Info</a></li>
</ul>
</nav>
</header>
</div>
<!-- content -->
<div class="wrapper row2">
<div id="container" class="clear">
<!-- Slider -->
<section id="slider"><a href="#"></a></section>
<!-- main content -->
<div id="homepage">
<!-- Services -->
<section id="services" class="clear">
<article class="one_third">
<figure>
<figcaption>
<h2>Services</h2>
<p>In nature, nothing is perfect and everything is perfect. Trees can be contorted, bent in weird ways, and they're still beautiful. —Alice Walker</p>
<footer class="more"><a href="#">Read More &raquo;</a></footer>
</figcaption>
</figure>
</article>
<article class="one_third">
<figure>
<figcaption>
<h2>Services</h2>
<p>Forget not that the earth delights to feel your bare feet and the winds long to play with your hair. —Khalil Gibran</p>
<footer class="more"><a href="#">Read More &raquo;</a></footer>
</figcaption>
</figure>
</article>
<article class="one_third lastbox">
<figure>
<figcaption>
<h2>Services</h2>
```

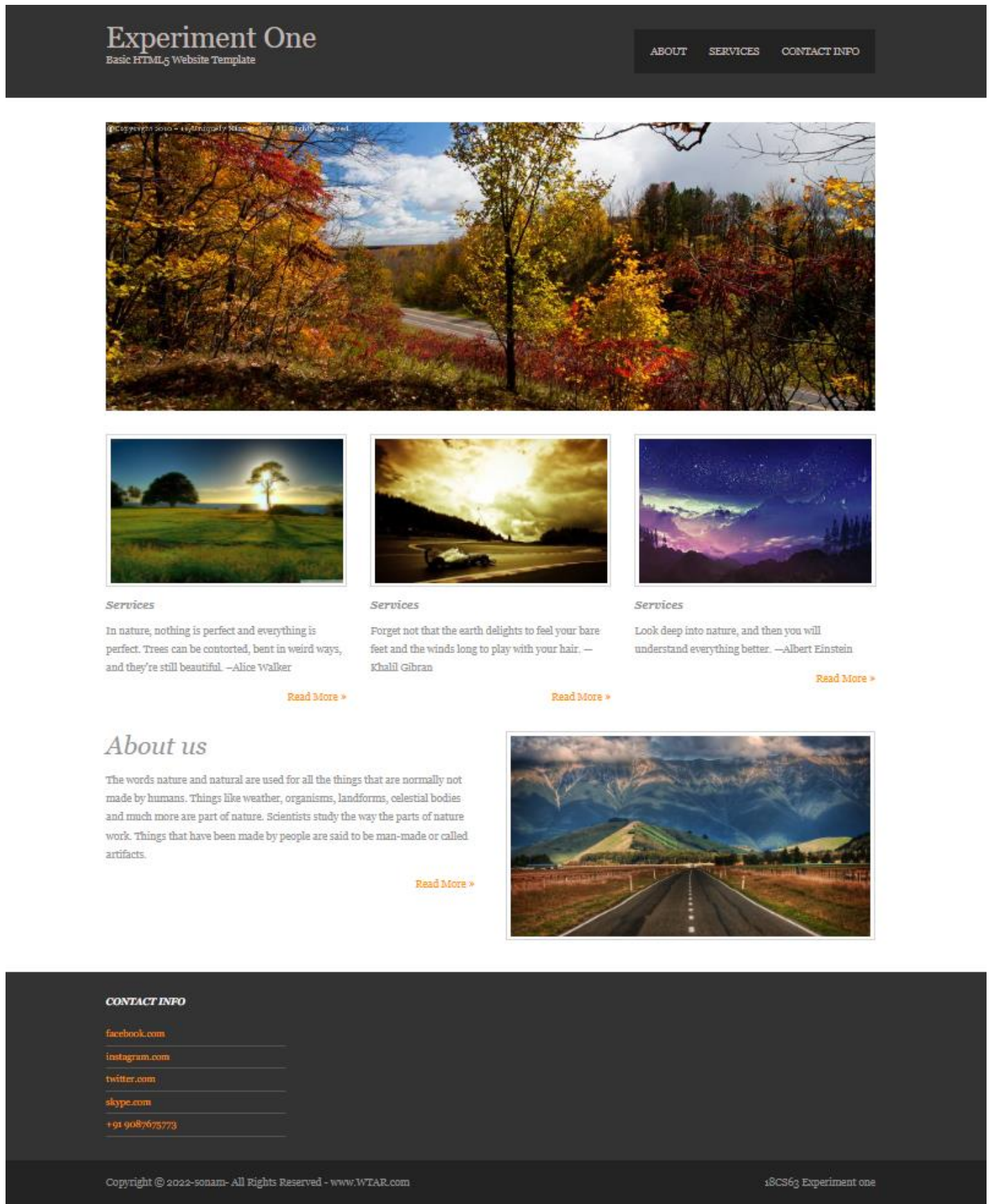
```

    <p>Look deep into nature, and then you will understand everything better. —Albert Einstein</p>
    <footer class="more"><a href="#">Read More &raquo;</a></footer>
  </figcaption>
</figure>
</article>
</section>

<section id="intro" class="last clear">
<article>
  <figure>
  <figcaption>
    <h2>About us</h2>
    <p>The words nature and natural are used for all the things that are normally not made by humans. Things like weather,
organisms, landforms, celestial bodies and much more are part of nature. Scientists study the way the parts of nature work. Things
that have been made by people are said to be man-made or called artifacts.</p>
    <footer class="more"><a href="#">Read More &raquo;</a></footer>
  </figcaption>
</figure>
</article>
</section>
<!-- / Introduction -->
</div>
<!-- / content body -->
</div>
</div>
<!-- Footer -->
<div class="wrapper row3">
  <div id="footer" class="clear">
    <!-- Section One -->
    <section class="one_quarter">
      <h2 class="title">Contact info</h2>
      <nav>
        <ul>
          <li><a href="#">facebook.com</a></li>
          <li><a href="#">instagram.com</a></li>
          <li><a href="#">twitter.com</a></li>
          <li><a href="#">skype.com</a></li>
          <li class="last"><a href="#">+91 9087675773</a></li>
        </ul>
      </nav>
    </section>
  </div>
</div>
<!-- Copyright -->
<div class="wrapper row4">
  <footer id="copyright" class="clear">
    <p class="fl_left">Copyright &copy; 2022-sonam- All Rights Reserved - <a href="#">www.WTAR.com</a></p>
    <p class="fl_right"><a target="_blank" href="https://www.os-templates.com/" title="Free Website Templates">18CS63
Experiment one</a></p>
  </footer>
</div>
</body>
</html>

```

Output



Experiment 2. Design a web page and embed various multimedia features in the page.

Code

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<title>Experiment Two</title>
<meta charset="UTF-8">
<link rel="stylesheet" href="layout.css" type="text/css">
</head>
<body>
<div class="wrapper row1">
<header id="header" class="clear">
<div id="hgroup">
<h1><a href="#">Experiment Two</a></h1>
<h2>Embedding Multimedia</h2>
</div>
<nav>
<ul>
<li><a href="#">Multimedia</a></li>
<li class="last"><a href="#">Contact Info</a></li>
</ul>
</nav>
</header>
</div>
<!-- content -->
<div class="wrapper row2">
<div id="container" class="clear">
<!-- main content -->
<div id="homepage">
<section id="intro" class="last clear">
<figure>
<audio src="./test.mp3" controls></audio>
<figcaption>
<h2>Audio</h2>
<p>Click play button to play audio</p>
<footer class="more"><a href="#">Read More &raquo;</a></footer>
</figcaption>
</figure>
</section>
<section id="intro" class="last clear">
<figure>
<video src="./test.mp4" controls></video>
<figcaption>
<h2>Video</h2>
<p>Click play button to play video</p>
<footer class="more"><a href="#">Read More &raquo;</a></footer>
</figcaption>
</figure>
</section>
<!-- / Introduction -->
</div>
<!-- / content body -->
</div>
</div>
<!-- Footer -->
<div class="wrapper row3">
<div id="footer" class="clear">
<!-- Section One -->
```

```
<section class="one_quarter">
  <h2 class="title">Contact info</h2>
  <nav>
    <ul>
      <li><a href="#">facebook.com</a></li>
      <li><a href="#">instagram.com</a></li>
      <li><a href="#">twitter.com</a></li>
      <li><a href="#">skype.com</a></li>
      <li class="last"><a href="#">+91 9087675773</a></li>
    </ul>
  </nav>
</section>
</div>
</div>
<!-- Copyright -->
<div class="wrapper row4">
  <footer id="copyright" class="clear">
    <p class="fl_left">Copyright &copy; 2022-sonam- All Rights Reserved -www.WTAR.com</p>
    <p class="fl_right"><a target="_blank" title="Free Website Templates">18CS63 Experiment Two</p>
  </footer>
</div>
</body>
</html>
```


Output

Experiment Two

Embedding Multimedia

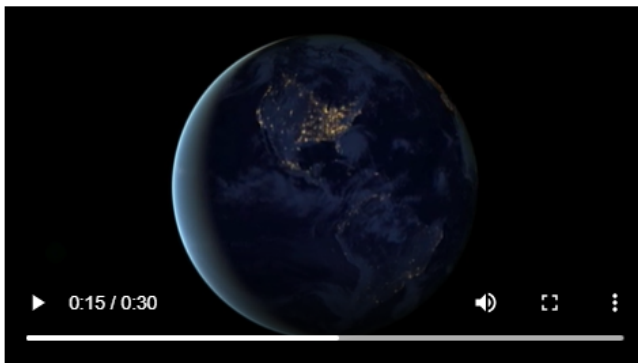
MULTIMEDIACONTACT INFO

▶ 0:18 / 0:27 🔊 ⋮

Audio

Click play button to play audio

[Read More »](#)



Video

Click play button to play video

[Read More »](#)

CONTACT INFO

[facebook.com](#)

[instagram.com](#)

[twitter.com](#)

[skype.com](#)

[+91 9087675773](#)

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18CS63 Experiment Two

Experiment 3. Write a HTML program to Design a timetable and display it in tabular format display the data using table and style up with CSS

Code

```
<!DOCTYPE html>
<html>

<body>
<table border="5" cellspacing="0" align="center">
  <caption><h1> C Sec Timetable</h1></caption>
  <tr>
    <td align="center" height="50"
      width="100"><br>
      <b>Day/Period</b></td>
    <td align="center" height="50"
      width="130">
      <b>I<br>(8:30-9:30)</b>
    </td>
    <td align="center" height="50"
      width="130">
      <b>II<br>(8:30-9:30)</b>
    </td>
    <td align="center" height="50"
      width="130">
      <b><br>(8:30-9:30)</b>
    </td>
    <td align="center" height="50"
      width="130">
      <b>III<br>(8:30-9:30)</b>
    </td>
    <td align="center" height="50"
      width="130">
      <b>IV<br>(8:30-9:30)</b>
    </td>
    <td align="center" height="50"
      width="130">
      <b><br>(8:30-9:30)</b>
    </td>
    <td align="center" height="50"
      width="130">
      <b>V<br>(8:30-9:30)</b>
    </td>
    <td align="center" height="50"
      width="130">
      <b>VI<br>(8:30-9:30)</b>
    </td>
    <td align="center" height="50"
      width="130">
      <b>VII<br>(8:30-9:30)</b>
    </td>
  </tr>
  <tr>
    <td align="center" height="50">
      <b>Monday</b></td>
    <td colspan="2" align="center"
      height="50">SSL/CGL/MADL<br>(C1/C2/C3)
    </td>
    <td rowspan="5" align="center" height="50">
      <h2>T<br>E<br>A<br>B<br>R<br>E<br>A<br>K</h2>
    </td>
  </tr>
```

```

</td>
<td align="center" height="50">18CS62<br>(DL)</td>
  <td align="center" height="50">18CS63<br>(SH)</td>
  <td rowspan="5" align="center" height="50">
    <h2>L<br>U<br>N<br>C<br>H<br> <br>B<br>R<br>E<br>A<br>K</h2>
  </td>
    <td align="center" height="50">18CS64(X)<br>(VI,BA,SS,SP)</td>
    <td align="center" height="50">18CS62<br>(DL)</td>
    <td align="center" height="50">18CGL67TT<br>(PT/SG)</td>
  </tr>
<tr>
  <td align="center" height="50">
    <b>Tuesday</b>
  </td>
    <td align="center" height="50">18CS61<br>(KK)</td>
    <td align="center" height="50">18CS63<br>(SH)</td>
    <td colspan="2" align="center"
      height="50">SSL/CGL/MADL<br>(C2/C3/C1)
    </td>
    <td align="center" height="50">18CS64(X)<br>(VI,BA,SS,SP)</td>
    <td colspan="2" align="center"
      height="50">18CS65X<br>
    </td>
  </tr>
<tr>
  <td align="center" height="50">
    <b>Wednesday</b>
  </td>
    <td align="center" height="50">18CS62<br>(DL)</td>
    <td align="center" height="50">18CS61<br>(KK)</td>
    <td align="center" height="50">18CS62<br>(DL)</td>
    <td align="center" height="50">18CS63<br>(SH)</td>
    <td align="center" height="50">18CS61<br>(KK)</td>
    <td align="center" height="50">18CS63<br>(SH)</td>
    <td align="center" height="50">18SSL66TT<br>(KK/RK)</td>
  </tr>
<tr>
  <td align="center" height="50">
    <b>Thursday</b>
  </td>
    <td colspan="2" align="center"
      height="50">18CS65X<br>
    </td>
    <td colspan="2" align="center"
      height="50">SST<br>
    </td>
    <td align="center" height="50">18CS61<br>(KK)</td>
    <td colspan="2" align="center" height="50">PRE PLACEMENT<br>TRAINING(SH)</td>
  </tr>
<tr>
  <td align="center" height="50">
    <b>Friday</b>
  </td>
    <td align="center" height="50">18CS64(X)<br>(VI,BA,SS,SP)</td>
    <td align="center" height="50">18CS63<br>(SH)</td>
    <td align="center" height="50">18CS62<br>(DL)</td>
    <td align="center" height="50">18CS61<br>(KK)</td>
    <td align="center" height="50">18CS64(X)<br>(VI,BA,SS,SP)</td>
    <td colspan="2" align="center"
      height="50">SSL/CGL/MADL<br>(C3/C1/C2)
    </td>
  </tr>

```

```

</tr>
<tr>
  <td align="center" height="50">
    <b>Saturday</b>
  </td>
  <td colspan="9" align="center" height="50">As Per Calender Of Events</td>
</tr>
</table>
</body>

</html>

```

Output



C Sec Timetable

Day/Period	I (8:30-9:30)	II (8:30-9:30)	(8:30-9:30)	III (8:30-9:30)	IV (8:30-9:30)	(8:30-9:30)	V (8:30-9:30)	VI (8:30-9:30)	VII (8:30-9:30)
Monday	SSL/CGL/MADL (C1/C2/C3)		T E A B R E A K	18CS62 (DL)	18CS63 (SH)	L U N C H B R E A K	18CS64(X) (VL,BA,SS,SP)	18CS62 (DL)	18CGL67TT (PT/SG)
Tuesday	18CS61 (KK)	18CS63 (SH)		SSL/CGL/MADL (C2/C3/C1)			18CS64(X) (VL,BA,SS,SP)	18CS65X	
Wednesday	18CS62 (DL)	18CS61 (KK)		18CS62 (DL)	18CS63 (SH)		18CS61 (KK)	18CS63 (SH)	18SSL66TT (KK/RK)
Thursday	18CS65X			SST			18CS61 (KK)	PRE PLACEMENT TRAINING(SH)	
Friday	18CS64(X) (VL,BA,SS,SP)	18CS63 (SH)		18CS62 (DL)	18CS61 (KK)		18CS64(X) (VL,BA,SS,SP)	SSL/CGL/MADL (C3/C1/C2)	
Saturday	As Per Calender Of Events								

]

Experiment 4. Design an employee registration page for an organisation using HTML and CSS.

Code

```
<!DOCTYPE html>
<html lang="en-us">
  <head>
    <meta charset="UTF-8">
    <title>Experiment Four</title>
    <link rel="stylesheet" href="layout.css">
  </head>

  <body>
    <h1>Employee Registration Form</h1>
    <div class="container">
      <div class="row">
        <div class="col-10">
          <label for="fname">First Name:</label>
        </div>
        <div class="col-90">
          <input type="text" id="fname" name="firstname" placeholder="Enter your first name">
        </div>
      </div>
      <div class="row">
        <div class="col-10">
          <label for="lname">Last Name:</label>
        </div>
        <div class="col-90">
          <input type="text" id="lname" name="lastname" placeholder="Enter your last name">
        </div>
      </div>
      <div class="row">
        <div class="col-10">
          <label for="email">Email:</label>
        </div>
        <div class="col-90">
          <input type="email" id="email" name="email" placeholder="it should contain @,.">
        </div>
      </div>
      <div class="row">
        <div class="col-10">
          <label for="mobile">Mobile:</label>
        </div>
        <div class="col-90">
          <input type="tel" id="mobile" name="mobile" placeholder="only 10 digits are allowed">
        </div>
      </div>
      <div class="row">
        <div class="col-10">
          <label for="gender" required>Gender:</label>
        </div>
        <div class="col-90">
          <input type="radio" id="male" name="gender" value="male"/>Male
          <input type="radio" id="female" name="gender" value="female"/>Female
        </div>
      </div>
      <div class="row">
        <div class="col-10">
          <label for="dob">Date Of Birth:</label>
        </div>
      </div>
    </div>
  </body>
</html>
```

```

        <div class="col-90">
            <input type="Date" id="dob" name="dob">
        </div>
    </div>
    <div class="row">
        <div class="col-10">
            <label for="address">Address:</label>
        </div>
        <div class="col-90">
            <textarea name="address" id="address" cols="30" rows="10"></textarea>
        </div>
    </div>
    <div class="row">
        <div class="col-10">
            <label for="city">City:</label>
        </div>
        <div class="col-90">
            <input type="text" id="city" name="city" maxlength="10">
        </div>
    </div>
    <div class="row">
        <div class="col-10">
            <label for="pincode">Area PIN:</label>
        </div>
        <div class="col-90">
            <input type="number" id="pin" name="pin" maxlength="6">
        </div>
    </div>
    <div class="row">
        <div class="col-10">
            <label for="state">State:</label>
        </div>
        <div class="col-90">
            <input type="text" id="state" name="state">
        </div>
    </div>
    <div class="row">
        <div class="col-10">
            <label for="qualification" required >Qualification:</label>
        </div>
        <div class="col-90">
            <select name="qualification" id="qualification">
                <option value="" >Select Qualification:</option>
                <option value="Graduation">Graduation</option>
                <option value="BTech.">BTech.</option>
                <option value="MTech.">MTech.</option>
                <option value="MCA">MCA</option>
                <option value="BCA">BCA</option>
            </select>
        </div>
    </div>
    <div class="row">
        <div class="col-10">
            <label for="specialization">Specialization:</label>
        </div>
        <div class="col-90">
            <input type="checkbox" class="specialization" id="cs" name="specialization[]" value="Computer Science">Computer
Science<br/>
            <input type="checkbox" class="specialization" id="it" name="specialization[]" value="Information
Technology">Information Technology<br/>
            <input type="checkbox" class="specialization" id="ca" name="specialization[]" value="Computer
Architecture">Computer Architecture<br/>

```

```
<input type="checkbox" class="specialization" id="tc" name="specialization[]" value="Tele Communication">Tele  
Communication<br/>  
</div>  
</div>  
<div class="row">  
  <div class="col-10">  
    <label for="password">Password:</label>  
  </div>  
  <div class="col-90">  
    <input type="password" id="password" name="password" maxlength="8">  
  </div>  
</div>  
<div class="row">  
  <input type="submit" value="Registered">  
</div>  
</div>  
</body>  
</html>
```

Output

Employee Registration Form

First Name: Baskar

Last Name: Rao

Email: 1hk19cs151@hkbk.edu.in

Mobile: 8091784779

Gender: ☒ Male ☐ Female

Date Of Birth: 20-03-1999

Address: #43, 4th Cross, Nagavara

City: Bangalore

Area PIN: 560045

State: Karnataka

Qualification: BTech

Specialization: ☒ Computer Science ☐ Information Technology ☐ Computer Architecture ☐ Tele Communication

Password: *****

Registered

Experiment 5. Write a javascript program for mouse events onclick, onmouseover & amp; onmouseout.

Code

```
<!DOCTYPE html>
<html>
<head>
<title> Experiment Five</title>
<style>
div {
    width: 100px;
    height: 100px;
    border: 1px solid black;
    margin: 10px;
    float: left;
    padding: 30px;
    text-align: center;
    background-color: lightgray;
}

p {
    background-color: white;
}
</style>
</head>
<body>

<h3>Javascript Snippet for onclick, onmouseout and onmouseover events.</h3>

<p>The onmousemove event occurs every time the mouse pointer is clicked on the div element.</p>
<p>The mouseenter event only occurs when the mouse moves out of the div element. </p>
<p>The onmouseover event occurs when the mouse pointer enters the div element, and its child elements (p and span).</p>

<div onclick="myMoveFunction()">
    <p>onmousemove: <br> <span id="demo">Click me!</span></p>
</div>

<div onmouseout="myEnterFunction()">
    <p>onmouseleave: <br> <span id="demo2">Mouse out of me!</span></p>
</div>

<div onmouseover="myOverFunction()">
    <p>onmouseover: <br> <span id="demo3">Mouse over me!</span></p>
</div>

<script>
var x = 0;
var y = 0;
var z = 0;

function myMoveFunction() {
    document.getElementById("demo").innerHTML = z+=1;
}

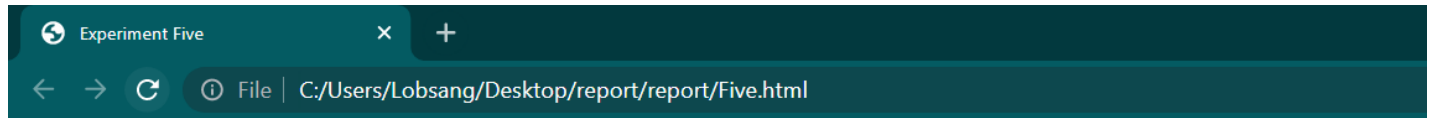
function myEnterFunction() {
    document.getElementById("demo2").innerHTML = x+=1;
}

function myOverFunction() {
    document.getElementById("demo3").innerHTML = y+=1;
}
```



```
}  
</script>  
  
</body>  
</html>
```

Output

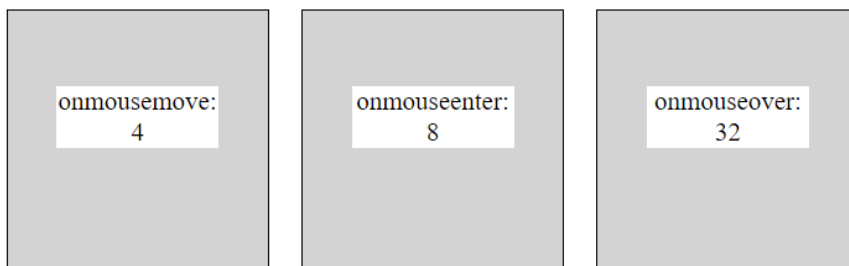


Javascript Snippet for onclick, onmouseout and onmouseover events.

The onmousemove event occurs every time the mouse pointer is clicked on the div element.

The mouseenter event only occurs when the mouse moves out of the div element.

The onmouseover event occurs when the mouse pointer enters the div element, and its child elements (p and span).



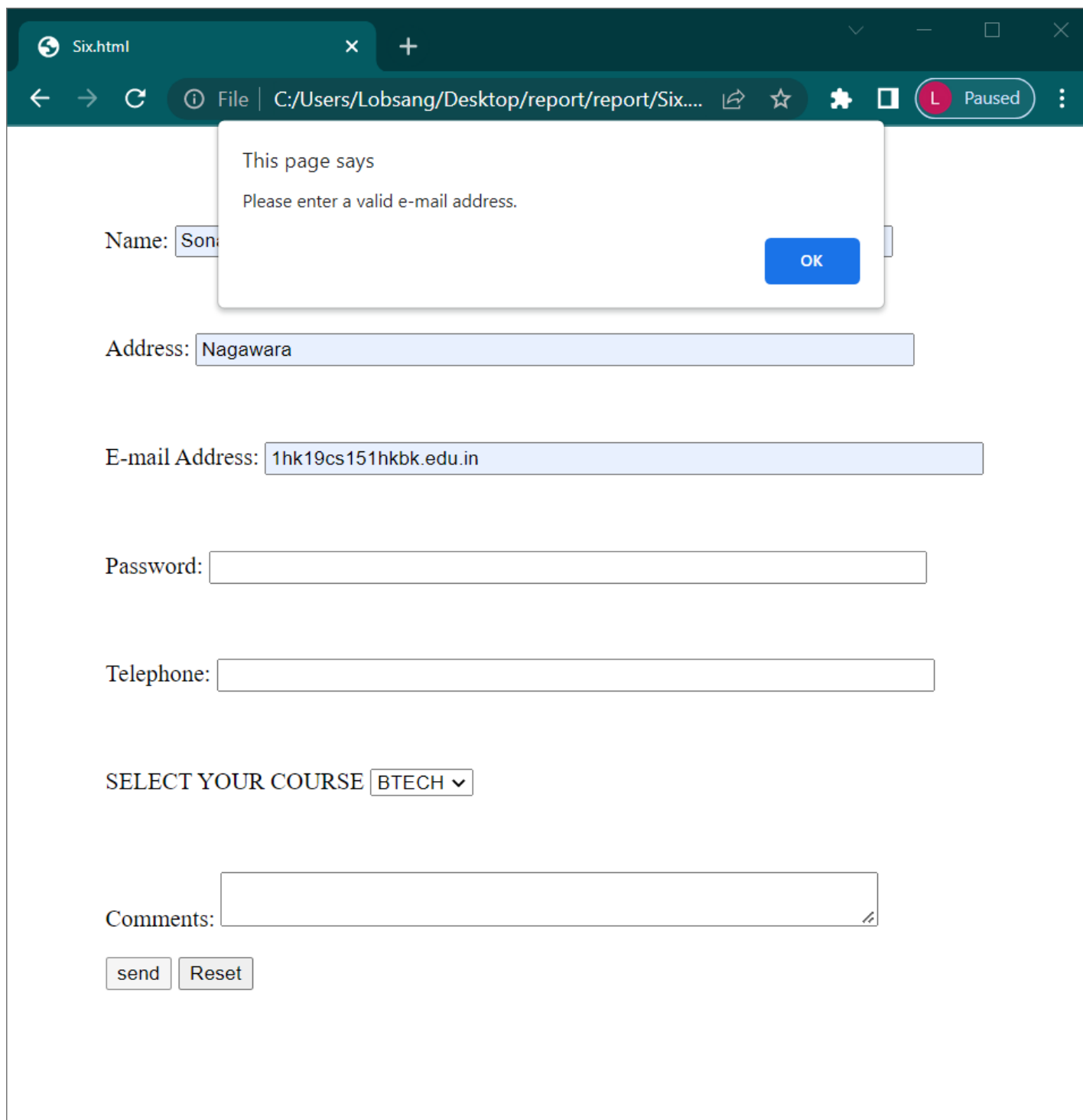
Experiment 6. Design a simple user enquiry form in html with java script validation.

Code

```
<html>
<head>
<script>
function Sonam() {
    var name =document.forms.RegForm.Name.value;
    var email =document.forms.RegForm.EMail.value;
    var phone =document.forms.RegForm.Telephone.value;
    var what =document.forms.RegForm.Subject.value;
    var password = document.forms.RegForm.Password.value;
    var address =document.forms.RegForm.Address.value;
    var regEmail=/^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/g;
    var regPhone=/^\d{10}$/;
    var regName = /\d+$/g;
    if (name == "" || regName.test(name)) {
        window.alert("Please enter your name properly.");
        name.focus();
        return false;
    }
    if (address == "") {
        window.alert("Please enter your address.");
        address.focus();
        return false;
    }
    if (email == "" || !regEmail.test(email)) {
        window.alert("Please enter a valid e-mail address.");
        email.focus();
        return false;
    }
    if (password == "") {
        alert("Please enter your password");
        password.focus();
        return false;
    }
    if(password.length <6){
        alert("Password should be atleast 6 character long");
        password.focus();
        return false;
    }
    if (phone == "" || !regPhone.test(phone)) {
        alert("Please enter valid phone number.");
        phone.focus();
        return false;
    }
    if (what.selectedIndex == -1) {
        alert("Please enter your course.");
        what.focus();
        return false;
    }
    return true;
}
</script>
<style>
div {
    box-sizing: border-box;
    width: 100%;
    border: 100px solid black;
```

```
float: left;
align-content: center;
align-items: center;
}
form {
margin: 0 auto;
width: 600px;
}
</style>
</head>
<body>
<h1 style="text-align: center;">REGISTRATION FORM</h1>
<form name="RegForm" onsubmit="return Sonam()" method="post">
<p>Name: <input type="text" size="65" name="Name" /></p><br />
<p>Address: <input type="text" size="65" name="Address" /></p><br />
<p>E-mail Address: <input type="text"
size="65" name="EMail" /></p><br />
<p>Password: <input type="text" size="65" name="Password" /></p><br />
<p>Telephone: <input type="text" size="65" name="Telephone" /></p><br />
<p>SELECT YOUR COURSE
<select type="text" value="" name="Subject">
<option>BTECH</option>
<option>BBA</option>
<option>BCA</option>
<option>B.COM</option>
</select>
</p><br />
<p>Comments: <textarea cols="55" name="Comment"> </textarea></p>
<p>
<input type="submit" value="send" name="Submit" />
<input type="reset" value="Reset" name="Reset" />
</p>
</form>
</body>
</html>
```

Output



The screenshot shows a web browser window with a single tab titled "Six.html". The address bar displays the file path "C:/Users/Lobsang/Desktop/report/report/Six...". The browser's status bar at the bottom indicates it is "Paused". A modal dialog box is open in the center of the screen, displaying the message "This page says Please enter a valid e-mail address." with an "OK" button. The form on the page includes the following fields and controls:

- Name:** A text input field containing the text "Son".
- Address:** A text input field containing the text "Nagawara".
- E-mail Address:** A text input field containing the text "1hk19cs151hkbk.edu.in".
- Password:** An empty text input field.
- Telephone:** An empty text input field.
- SELECT YOUR COURSE:** A dropdown menu currently showing "BTECH".
- Comments:** A large text area for user comments.
- Buttons:** "send" and "Reset" buttons are located at the bottom of the form.

Experiment 7. Write a js program with accessing object methods.

Code

```
<!DOCTYPE html>
<html>
<head>
<title>Experiment Seven</title>
<body>

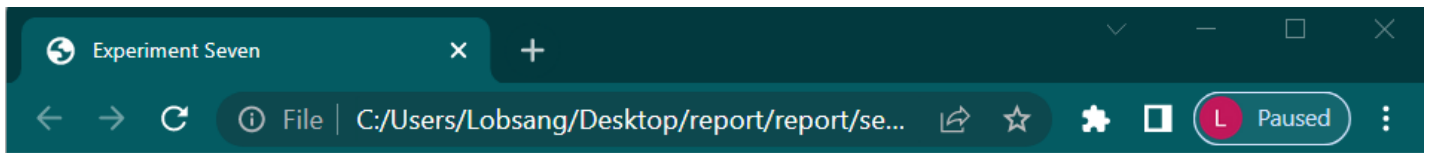
<h2>JavaScript Objects</h2>
<p>Creating and using an object method.</p>
<p>A method is actually a function definition stored as a property value.</p>

<p id="demo"></p>

<script>
const person = {
  firstName: "Sonam",
  lastName: "Dorji",
  id: "1hk19cs151",
  fullName: function() {
    return this.firstName + " " + this.lastName;
  }
};

document.getElementById("demo").innerHTML = person.fullName();
</script>
</body>
</html>
```

Output



JavaScript Objects

Creating and using an object method.

A method is actually a function definition stored as a property value.

Sonam Dorji

Experiment 8. Design signup form to validate username, password, and phone numbers etc using Java script.

Html Code

```
<!DOCTYPE html>
<html>

<head>
  <meta charset="utf-8">
  <title>Experiment Eight</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>
  <div class="row">
    <div class="heading">
      <h1>Let's talk</h1>
      <p>Think you have what it takes? Shows us.</p>
    </div>
  </div>
  <div class="row">
    <div class="p-information">
      <h3>1. Personal information</h3>
      <hr>
    </div>
  </div>
  <form method="post">
    <div class="row">
      <div class="col-1">
        <input type="text" placeholder="Full name*" class="full-name" required pattern="^[a-z]{2,}(\[a-z]{2,})+ ">
        <input type="email" placeholder="Email*" id="email" required>
        <input type="text" placeholder="Re-enter email*" id="reEmail" required>
      </div>
      <div class="col-2">
        <input type="tel" placeholder="Phone*" class="phone" required pattern="^(\\+|0)\\d{9,12}$">
      </div>
    </div>
    <div class="row address">
      <input type="text" placeholder="Address*">
      <input type="text">
    </div>
    <div class="row">
      <div class="city-info">
        <div class="col-city">
          <input type="text" placeholder="City*">
        </div>
        <div class="col-state">
          <input type="text" placeholder="State*">
        </div>
        <div class="col-country">
          <input type="text" placeholder="Country/Region*">
        </div>
        <div class="col-zip">
          <input type="text" placeholder="Zip/Postal code*">
        </div>
      </div>
    </div>
    <div class="row">
      <input type="text" placeholder="How did you hear about us" class="how-hear">
    </div>
  </form>
</div>
```

```
<div class="row">
  <input type="submit" value="Submit">
</div>
</form>

<script type="text/javascript" src="form.js"></script>
</body>

</html>
```

Form.js

```
const email = document.getElementById('email');
const reEmail = document.getElementById('reEmail');
let id = 0;
```

```
//*****validation*****
reEmail.addEventListener('input', (e) => {
  if (reEmail.value !== email.value) {
    reEmail.setCustomValidity("email doesnot match");
  } else {
    reEmail.setCustomValidity("");
  }
});
```

Style.css

```
* {
  margin: 0;
  padding: 0;
}

body {
  background-color: #454e57;
  font-family: sans-serif;
}

.heading {
  text-align: center;
  color: #fbffff;
  margin-top: 15px;
}

.heading p {
  padding-top: 10px;
}

.row {
  width: 60%;
  margin: 0 auto;
}

.col-1 {
  width: 80%;
  display: inline-block;
}

.col-2 {
  height: 100%;
```



```
width: 19%;  
display: inline-block;  
}
```

```
input[type=text], input[type=email] {  
  border: none;  
  width: 100%;  
  border-bottom: 2px solid #989fa7;  
  background-color: #454e57;  
  padding-top: 30px;  
  color: white;  
}
```

```
input[type=text]:focus, input[type=email]:focus {  
  outline: none;  
}
```

```
input[type=tel] {  
  border: none;  
  width: 100%;  
  border-bottom: 2px solid #989fa7;  
  background-color: #454e57;  
  margin-bottom: 89px;  
  float: right;  
  color: white;  
  outline: none;  
}
```

```
.address {  
  padding-top: 20px;  
}
```

```
.city-info {  
  display: inline-block;  
  width: 100%;  
}
```

```
.col-city {  
  width: 24%;  
  display: inline-block;  
  margin-right: 8px;  
}
```

```
.col-state {  
  width: 24%;  
  display: inline-block;  
  margin-right: 8px;  
}
```

```
.col-country {  
  width: 24%;  
  display: inline-block;  
  margin-right: 8px;  
}
```

```
.col-zip {  
  width: 24%;  
  display: inline-block;  
}
```

```
.how-hear {  
  margin-top: 20px;
```

```
}

.row h5 {
  margin: 30px 0 20px 0;
  color: #fbffff;
}

.primary-design {
  visibility: hidden;
}

/*****js*****/

.deleteSign {
  display: none;
}
```

Output

Experiment Eight

Let's talk

Think you have what it takes? Shows us.

1. Personal information

baskar rao 08091784778

1hk19cs151@hkbk.edu.in

1hk19cs151@hkbl.edu.in

#34, Nagwara

Bangalore Karnataka Bangalore

560045

Online

Submit

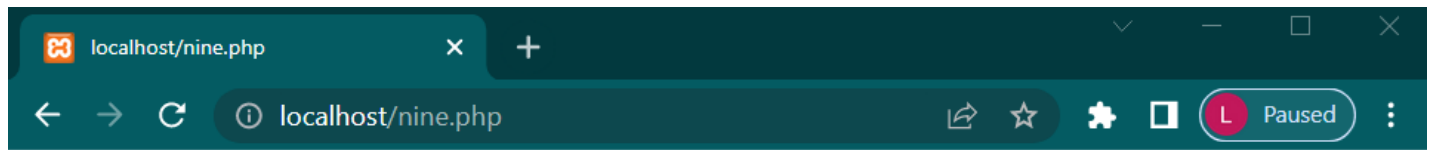
email doesnot match

Experiment 9. Write a PHP program to create and write in to a file.

Code

```
<?php
$myfile = fopen("newfile.txt", "w") or die("Unable to open file!");
$txt = "Experiment nine\n";
fwrite($myfile, $txt);
fclose($myfile);
$myfile = fopen("newfile.txt", "r") or die("Unable to open file!");
echo fread($myfile,filesize("newfile.txt"));
fclose($myfile);
?>
```

Output



Experiment nine

Experiment 10. Write a PHP program to insert the value into a database and delete a value from the database from a form.

Database.sql

```
create database ten;
use ten;
CREATE TABLE `users` (
  `F_id` int(11) NOT NULL,
  `name` varchar(100) NOT NULL,
  `subject` varchar(30) NOT NULL,
  `semester` int(3) NOT NULL,
  `section` char NOT NULL,
  `year` int NOT NULL,
  PRIMARY KEY (`F_id`)
);
```

Config.php

```
<?php
$DbH = 'localhost';
$DbN = 'ten';
$DbU = 'root';
$DbP = '';
$mysqli = mysqli_connect($DbH, $DbU, $DbP, $DbN) or die("cant connect");
?>
```

Index.php

```
<?php
//including the database connection file
include_once("config.php");
$result = mysqli_query($mysqli, "SELECT * FROM users ORDER BY F_id DESC"); // using mysqli_query instead
?>
<html>
<head>
    <title>Homepage</title>
</head>
<body>
<a href="add.html">Add New Data</a><br/><br/>
    <table width='80%' border=0>
        <tr bgcolor='#CCCCCC'>
            <td>F_id</td>
            <td>Name</td>
            <td>Subject</td>
            <td>Semester</td>
            <td>Section</td>
            <td>Year</td>
        </tr>
    <?php
    while($res = mysqli_fetch_array($result)) {
        echo "<tr>";
        echo "<td>".$res['F_id']. "</td>";
        echo "<td>".$res['name']. "</td>";
        echo "<td>".$res['subject']. "</td>";
        echo "<td>".$res['semester']. "</td>";
        echo "<td>".$res['section']. "</td>";
        echo "<td>".$res['year']. "</td>";
        echo "<td><a href='\"delete.php?F_id=$res[F_id]\"' onClick='\"return confirm('Are you sure you want to delete?')\">Delete</a></td>";
    }
?>
```

```

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

```

Add.php

```

<html>
<head>
    <title>Add Data</title>
</head>
<body>
<?php
//including the database connection file
include_once("config.php");
if(isset($_POST['Submit'])) {
    $F_id = mysqli_real_escape_string($mysqli, $_POST['F_id']);
    $name = mysqli_real_escape_string($mysqli, $_POST['name']);
    $subject = mysqli_real_escape_string($mysqli, $_POST['subject']);
    $semester = mysqli_real_escape_string($mysqli, $_POST['semester']);
    $section = mysqli_real_escape_string($mysqli, $_POST['section']);
    $year = mysqli_real_escape_string($mysqli, $_POST['year']);
    // checking empty fields
    if(empty($name) || empty($F_id) || empty($subject) || empty($semester) || empty($section) || empty($year)) {

        if(empty($F_id)) {
            echo "<font color='red'>F_id field is empty.</font><br/>";
        }
        if(empty($name)) {
            echo "<font color='red'>Name field is empty.</font><br/>";
        }
        if(empty($subject)) {
            echo "<font color='red'>Subject field is empty.</font><br/>";
        }
        if(empty($semester)) {
            echo "<font color='red'>Semester field is empty.</font><br/>";
        }
        if(empty($section)) {
            echo "<font color='red'>Section field is empty.</font><br/>";
        }
        if(empty($year)) {
            echo "<font color='red'>Year field is empty.</font><br/>";
        }
        //link to the previous page
        echo "<br/><a href='javascript:self.history.back();'>Go Back</a>";
    } else {
        // if all the fields are filled (not empty)

        //insert data to database
        $result = mysqli_query($mysqli, "INSERT INTO users(F_id,name,subject,semester,section,year)
VALUES('$F_id','$name','$subject','$semester','$section','$year')");

        //display success message
        echo "<font color='green'>Data added successfully.";
        echo "<br/><a href='index.php'>View Result</a>";
    }
}
?>
</body>
</html>

```

Add.php

```

<html>

```

```
<head>
    <title>Add Data</title>
</head>
<body>
    <a href="index.php">Home</a>
    <br/><br/>
    <form action="add.php" method="post" name="form1">
        <table width="25%" border="0">
            <tr>
                <td>F_id</td>
                <td><input type="text" name="F_id"></td>
            </tr>
            <tr>
                <td>Name</td>
                <td><input type="text" name="name"></td>
            </tr>
            <tr>
                <td>Subject</td>
                <td><input type="text" name="subject"></td>
            </tr>
            <tr>
                <td>Semester</td>
                <td><input type="text" name="semester"></td>
            </tr>
            <tr>
                <td>Section</td>
                <td><input type="text" name="section"></td>
            </tr>
            <tr>
                <td>Year</td>
                <td><input type="text" name="year"></td>
            </tr>
            <tr>
                <td></td>
                <td><input type="submit" name="Submit" value="Add"></td>
            </tr>
        </table>
    </form>
</body>
</html>
```

Delete.php

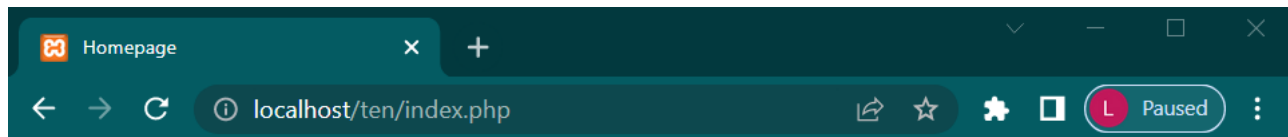
```
<?php
//including the database connection file
include("config.php");

//getting id of the data from url
$F_id = $_GET['F_id'];

//deleting the row from table
$result = mysqli_query($mysqli, "DELETE FROM users WHERE F_id=$F_id");

//redirecting to the display page (index.php in our case)
header("Location:index.php");
?>
```

Output



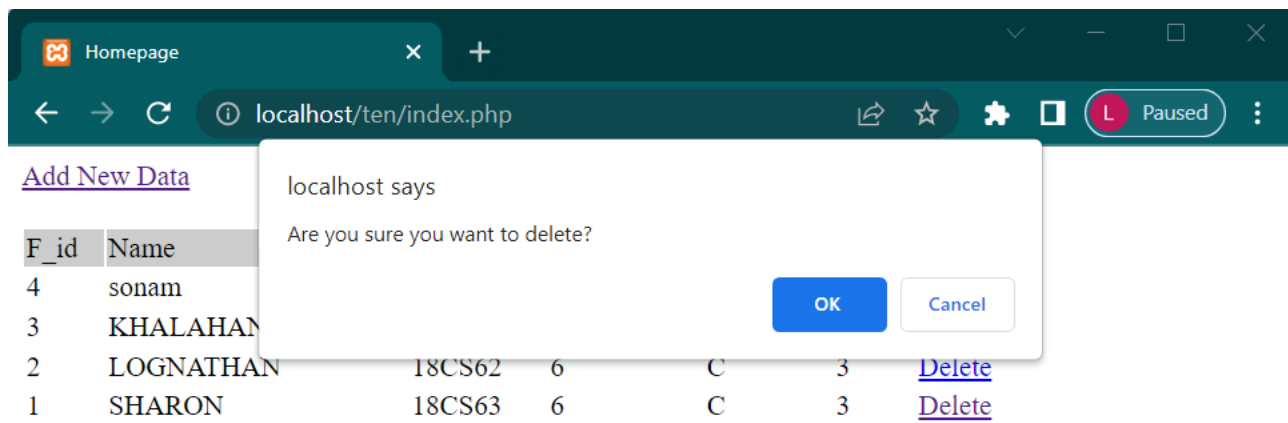
[Add New Data](#)

F_id	Name	Subject	Semester	Section	Year	
3	KHALAHANISA	18CS61	6	C	3	Delete
2	LOGNATHAN	18CS62	6	C	3	Delete
1	SHARON	18CS63	6	C	3	Delete



[Home](#)

F_id	<input type="text" value="4"/>
Name	<input type="text" value="sonam"/>
Subject	<input type="text" value="18cs60"/>
Semester	<input type="text" value="6"/>
Section	<input type="text" value="C"/>
Year	<input type="text" value="3"/>
	<input type="button" value="Add"/>



The screenshot shows a web browser window with the address bar displaying `localhost/ten/index.php`. A confirmation dialog box is overlaid on the page, asking "Are you sure you want to delete?". The dialog has "OK" and "Cancel" buttons. In the background, a table is visible with columns `F_id` and `Name`. The table contains three rows of data. A link labeled "Delete" is visible next to the third row.

[Add New Data](#)

F_id	Name
4	sonam
3	KHALAHAN
2	LOGNATHAN
1	SHARON

localhost says
Are you sure you want to delete?

OK Cancel

[Delete](#)

Experiment 11. Write a XML program to display student info (name, reg_no, grade, mobile number)

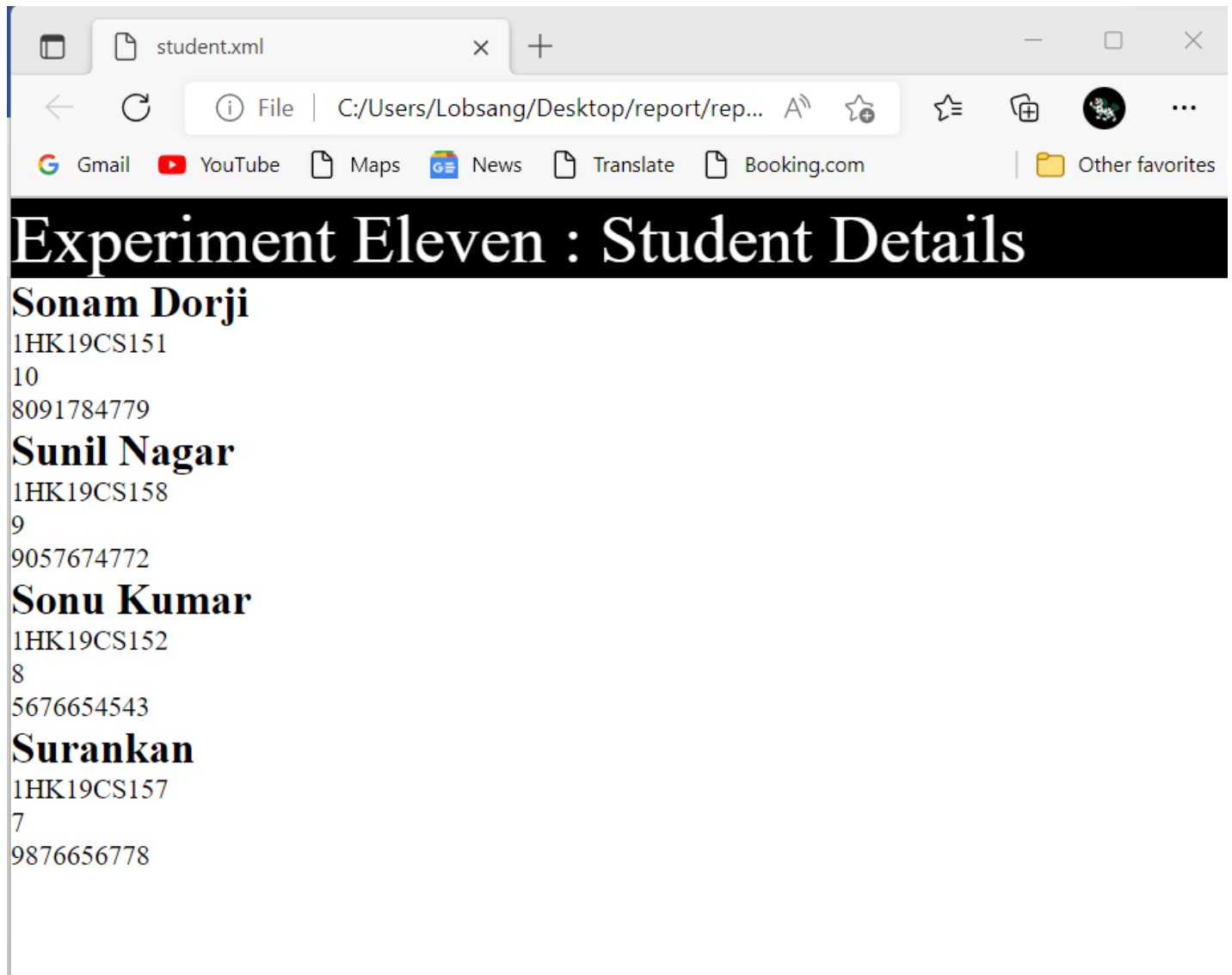
XML Code

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/css" href="Rule.css"?>
<students>
  <heading>Experiment Eleven : Student Details</heading>
  <student>
    <Name>Sonam Dorji</Name>
    <USN>1HK19CS151</USN>
    <Grade>10</Grade>
    <Mobile>8091784779</Mobile>
  </student>
  <student>
    <Name>Sunil Nagar</Name>
    <USN>1HK19CS158</USN>
    <Grade>9</Grade>
    <Mobile>9057674772</Mobile>
  </student>
  <student>
    <Name>Sonu Kumar</Name>
    <USN>1HK19CS152</USN>
    <Grade>8</Grade>
    <Mobile>5676654543</Mobile>
  </student>
  <student>
    <Name>Surankan</Name>
    <USN>1HK19CS157</USN>
    <Grade>7</Grade>
    <Mobile>9876656778</Mobile>
  </student>
</students>
```

Rule.css

```
students {
  color: black;
  background-color : white;
  width: 100%;
}
heading {
  color: white;
  font-size : 40px;
  background-color : black;
}
heading, Name, USN, Semester, Section {
  display: block;
}
Name {
  font-size : 25px;
  font-weight : bold;
}
```

Output



Experiment 12. Design a site in WordPress

Design

