Basics of HTML

Practical No:_____ Dt:_____

Aim: To Study HTML Formatting and fonts, hyperlink, lists, tables, images tags.

Exercises:

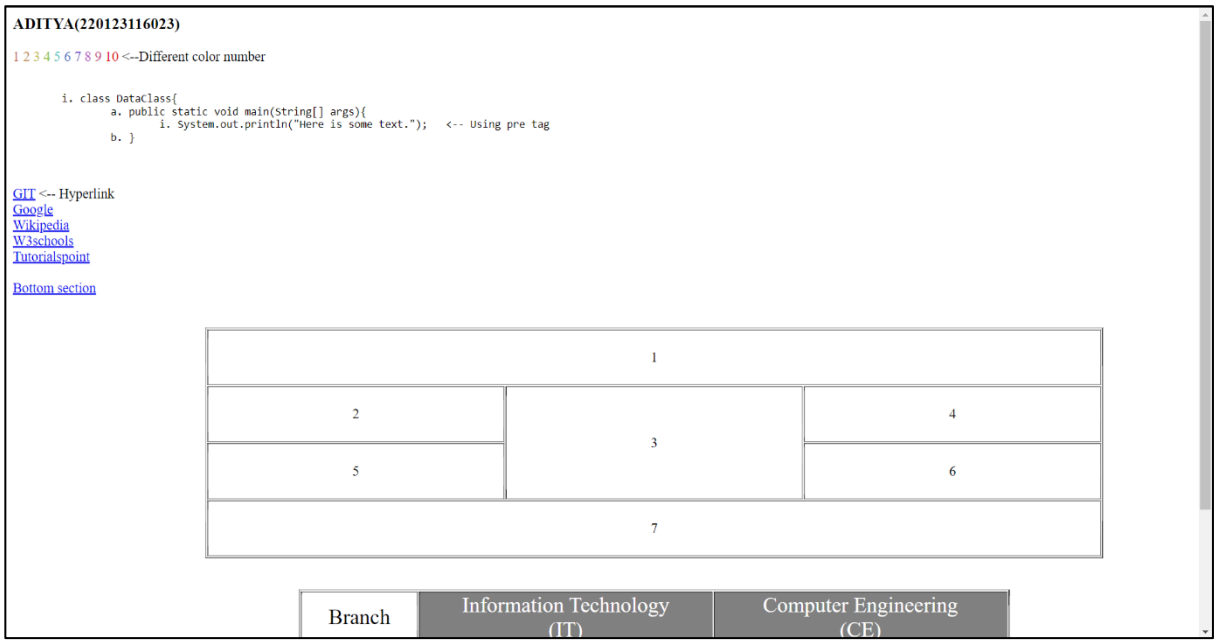
Filename: WDPR1.html
Code:

```
<html>
<head>
<title>wd-practical 1</title>
</head>
 <body>
 <h3>aditya(220123116023)</h3>
 <font color="#c7664f">1</font>
 <font color="#c78f4f">2</font>
 <font color="#c7bc4f">3</font>
 <font color="#94c74f">4</font>
 <font color="#4fc7c2">5</font>
 <font color="#4f72c7">6</font>
 <font color="#704fc7">7</font>
 <font color="#ba4fc7">8</font>
 <font color="#c74f87">9</font>
 <font color="#df1717">10</font>
 <font><--different color number</font>
 <br>
 <br>

<pre>
 i. class dataclass{
        a. public static void main(string[] args){
                i. system.out.println("here is some text.");   <-- using pre tag
        b. }
</pre>
<br>
<br>

<a href="https://git.org.in/">git</a> <-- hyperlink<br>
<a href="https://www.google.com/">google</a><br>
<a href="https://www.wikipedia.org/">wikipedia</a><br>
<a href="https://www.w3schools.com/">w3schools</a><br>
<a href="https://www.tutorialspoint.com/">tutorialspoint</a>
<br>
<br>

<div id="bottom">
<a href="#bottom">bottom section</a>
</div>
<br>
<br>

<table border="1" style="width:70%;" align="center">
 <tr style="height:65px;">
   <td align="center"colspan="3">1</td>
```

```
 </tr>
<tr style="height:65px;">
   <td align="center">2</td>
<td align="center"rowspan="2">3</td>
<td align="center">4</td>
</tr>
<tr style="height:65px;">
   <td align="center">5</td>
<td align="center" colspan="1">6</td>
</tr>
<tr style="height:65px;">
   <td align="center"colspan="3">7</td>
</tr>
</table>
</body>
<br>
<br>

<table border="1" align="center">
 <tr style="height:20px; font-size: 25px;" align="center">
            <td>
                branch
            </td>
            <td bgcolor="#808080" style="color: white;">
                information technology<br>(it)
            </td>
            <td bgcolor="#808080" style="color: white;">
                computer engineering<br>(ce)
            </td>
 </tr>

 <tr align="center" style="font-size: 20px;">
            <td bgcolor="#e4a477">
                total seat
            </td>
            <td bgcolor="#d7dbdd">
                120
            </td>
            <td bgcolor="#d7dbdd">
                180
            </td>
 </tr>

 <tr align="center" style="font-size: 20px;">
            <td bgcolor="#e4a477">
                course duration
            </td>
            <td bgcolor="#d7dbdd">
                4 year
            </td>
            <td bgcolor="#d7dbdd">
                4 year
            </td>
 </tr>

 <tr style="font-size: 20px;">
            <td bgcolor="#e4a477" align="center">
                key subjects
            </td>
            <td bgcolor="#d7dbdd">
```

```
                <li>languages</li>
                        <li>c, c++, java</li>
                        <li>data & file structures</li>
                        <li>database management system</li>
                        <li>digital logic & design</li>
                        <li>data communication & networking</li>
                        <li>basic electronics</li>
                        <li>computer oriented statistical methods</li>
        </td>
        <td bgcolor="#d7dbdd">
                <li>languages</li>
                <li> c, c++, java,asp.net</li>
                <li>data & file structures</li>
                <li>database management system</li>
                <li>fundamentals of digital electronics</li>
                <li>data communication techniques</li>
                <li>computer oriented statistical methods</li>
        </td>
 </tr>
</table>
</html>
```

Output:



W3schools
Tutorialspoint

Bottom section

1		
2	3	4
5		6
7		

Branch	Information Technology (IT)	Computer Engineering (CE)
Total Seat	120	180
Course Duration	4 Year	4 Year
Key Subjects	• Languages • C, C++, JAVA • Data & File Structures • Database Management System • Digital Logic & Design • Data Communication & Networking • Basic Electronics • Computer Oriented Statistical Methods	• Languages • C, C++, JAVA,ASP.NET • Data & File Structures • Database Management System • Fundamentals of Digital Electronics • Data Communication Techniques • Computer Oriented Statistical Methods

Frames

Practical No:_____ Dt:_____

Aim: To Study about HTML Frame and Framesets.

Exercises:

1)
Filename: page1.html
Code:

```
<html>
<head>
<title>HTML Frames</title>
</head>
<frameset cols="30% , 70%">
<frame name="left" src="page3.html" />
<frame name="center" src="page2.html" />
<noframes>
<body>
Your browser does not support frames.
</body>
</noframes>
</frameset>
</html>
```

Filename: page3.html
Code:

```
<html>
<head>
<title>wd-practical 1</title>
</head>
 <body>
 <h1 style="margin-top: 350px; margin-left: 150px;">page 1</h1>
</html>
```

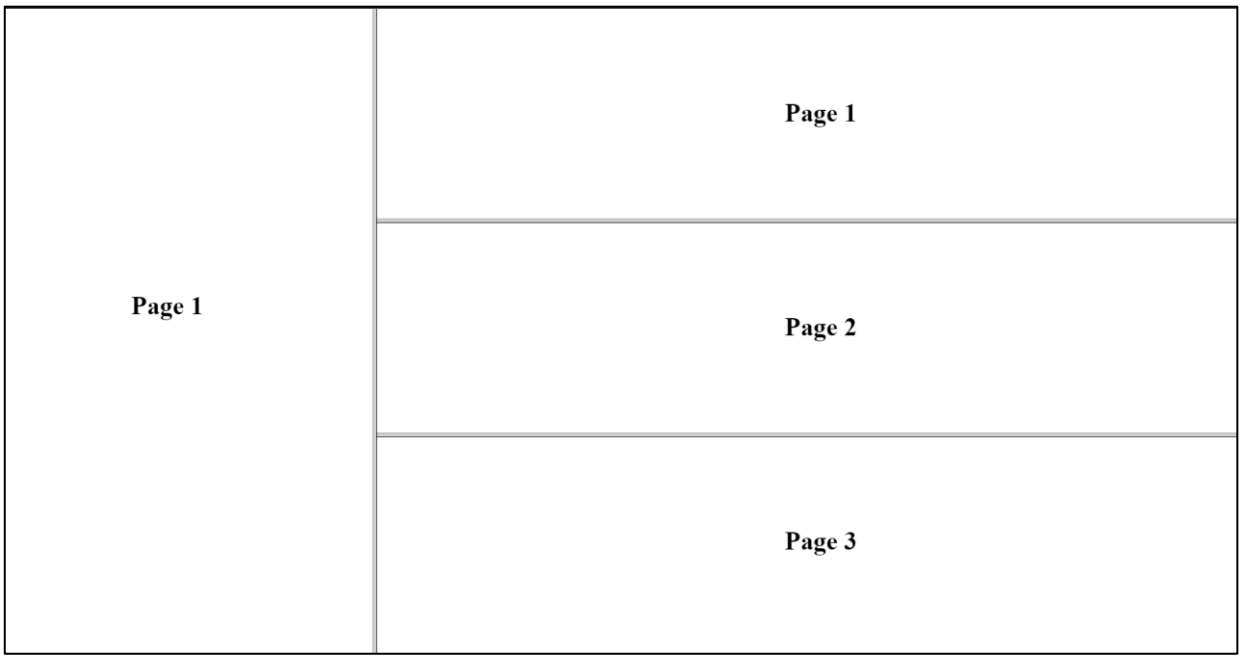
Filename: page2.html
Code:

```
<html>
<head>
<title>HTML Frames</title>
</head>
<frameset rows="33%,33%,34%">
<frame name="top" src="p1.html"/>
<frame name="main" src="p2.html" />
<frame name="bottom" src="p3.html" />
<noframes>
<body>
        Your browser does not support frames.
</body>
</noframes>
</frameset>
</html>
```

Filename: p1.html / p2.html / p3.html
Code:

```
<html>
<head>
 <title></title>
</head>
<body>
<h1 style="margin-top: 110px; margin-left: 500px;">Page 1</h1>
</body>
</html>
```

Output:



2)
Filename: pr2e1.html
Code:

```
<html>
<head>
<title>HTML Frames</title>
</head>
<frameset cols="50%,50%">
<frame name="left" src="hpage1.html" />
<frame name="center" src="hpage2.html" />
<noframes>
<body>
Your browser does not support frames.
</body>
</noframes>
</frameset>
</html>
```

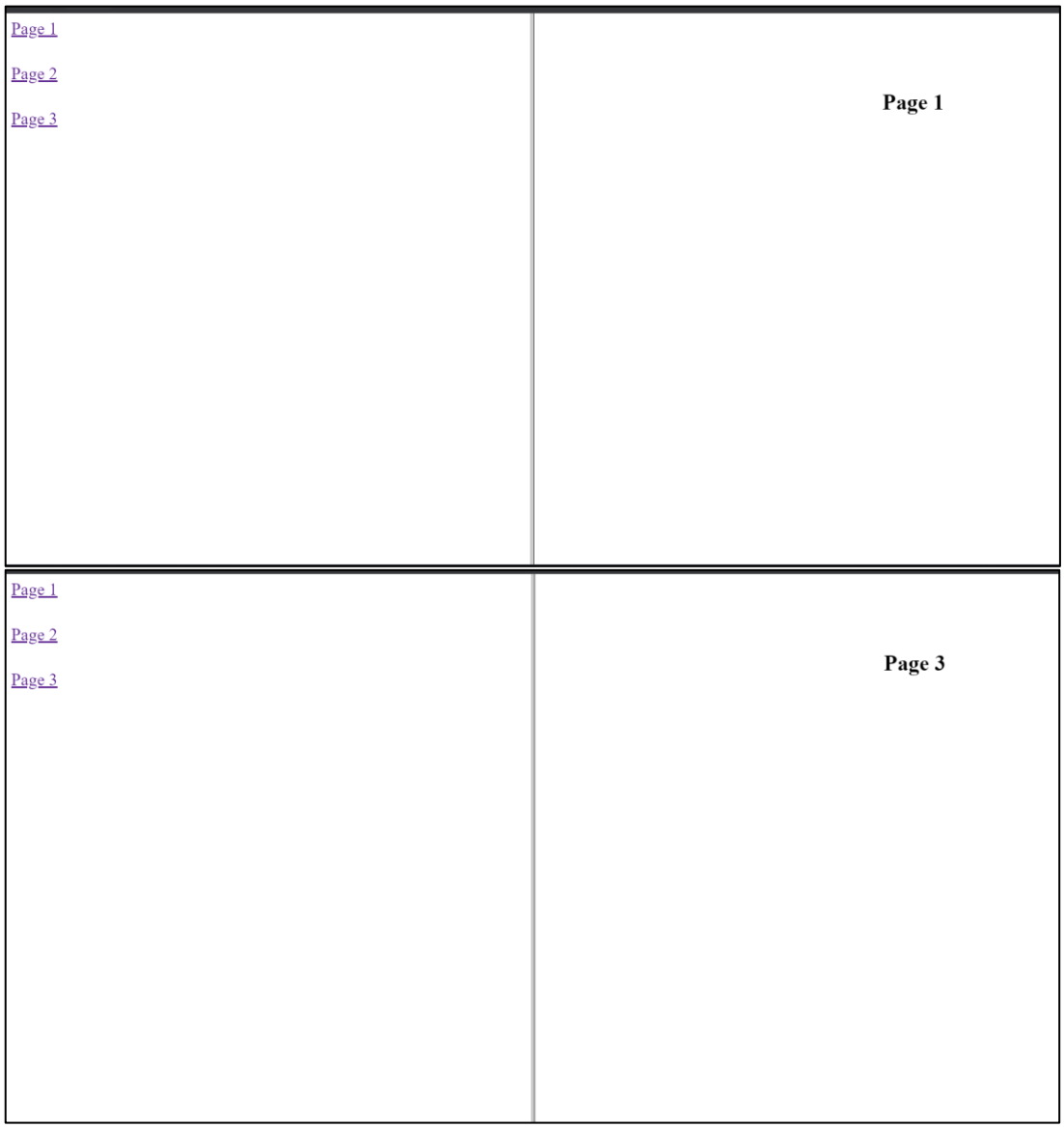
Filename: hpage1.html
Code:

```
<html>
<head>
 <title></title>
</head>
<body>
 <a href="p1.html" style="font-size: 25px;" target="center">page 1</a><br><br><br>
 <a href="p2.html" style="font-size: 25px;" target="center">page 2</a><br><br><br>
 <a href="p3.html" style="font-size: 25px;" target="center">page 3</a>
</body>
</html>
```

Filename: hpage2.html
Code:

**** No change ****

Output:



HTML Forms

Practical No:_____ Dt:_____

Aim: To study about HTML Forms.

Exercises:

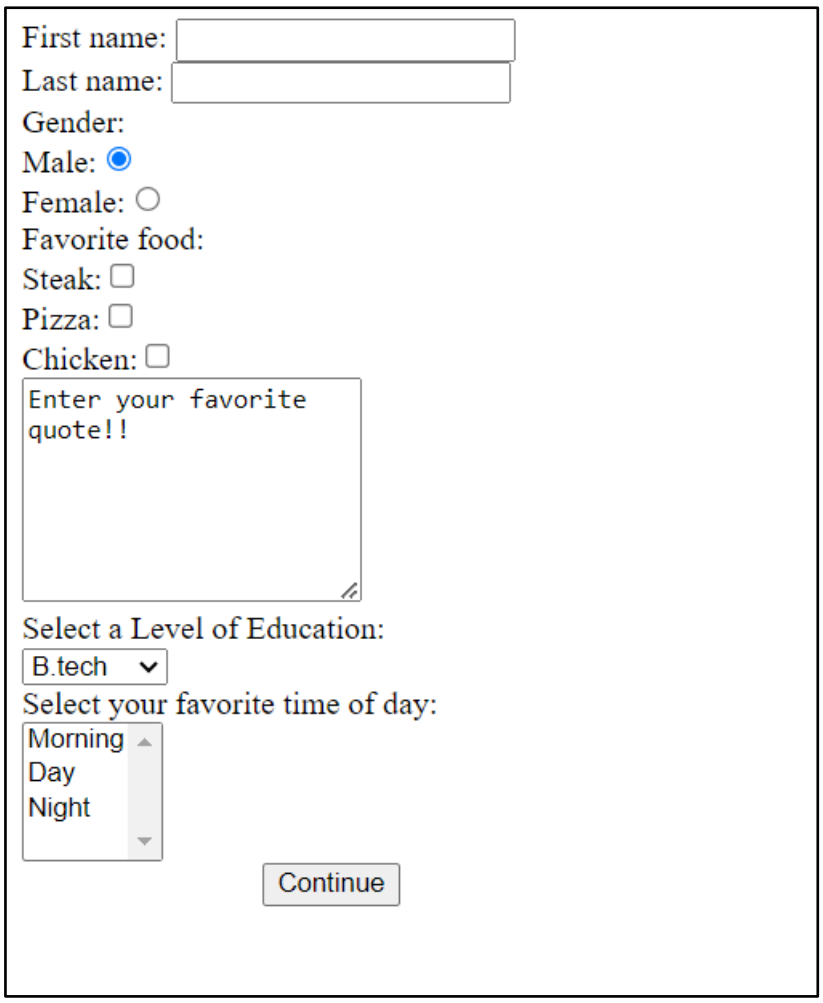
1) To study About HTML Forms.

Filename: pr3e1.html

Code:

```
<html>
<head>
 <title></title>
</head>
<body>
 <form>
        First name: <input type="text" name="fname"><br>
        Last name: <input type="text" name="lname"><br>
        Gender:<br>
        Male:<input type="radio" id="MALE" name="gender" value="MALE" checked><br>
        Female:<input type="radio" id="FEMALE" name="gender" value="FEMALE"><br>
        Favorite food:<br>
        Steak:<input type="checkbox" name="f1" value="Steak"><br>
        Pizza:<input type="checkbox" name="f2" value="pizza"><br>
        Chicken:<input type="checkbox" name="f3" value="Chicken"><br>
        <textarea id="tx1" name="tx1" rows="7" cols="20">Enter your favorite quote!!
        </textarea><br>
        Select a Level of Education:<br>
        <select name="education" id="1">
                <option value="B.tech">B.tech</option>
                <option value="Diploma">Diploma</option>
                <option value="12th">12th</option>
                <option value="10th">10th</option>
        </select><br>
        Select your favorite time of day:<br>
        <select name="day" id="1" multiple>
                <option value="Morning">Morning</option>
                <option value="day">Day</option>
                <option value="Night">Night</option>
        </select><br>
        <input type="submit" name="submit" value="Continue">
 </form>

</body>
</html>
```

Output:


First name:
Last name:
Gender:
Male:
Female:
Favorite food:
Steak:
Pizza:
Chicken:
Enter your favorite quote!!
Select a Level of Education:
B.tech
Select your favorite time of day:
Morning
Day
Night
Continue

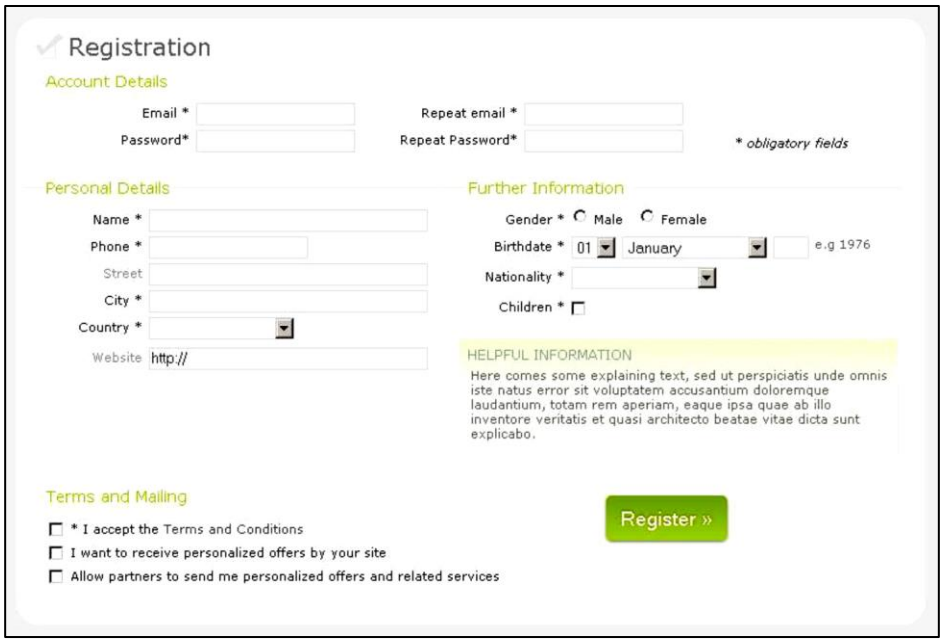
CSS

Practical No:_____ Dt:_____

Aim: To study and Apply Cascading Style Sheets (CSS) in HTML pages.

Exercises:

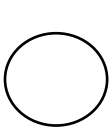
1) Prepare following form with using external style sheet.



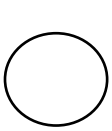
Filename: pr4.html

Code:

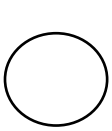
```
<html lang="en">
<head>
<title>Pr4</title>
<link rel="stylesheet" href="pr4.css">
</head>
<body>
<h1 class="gray">Registration</h1>
<h3 class="green">Account Details</h3>
<form>
<label for="email">Email* <input id="email" type="email" required></label>
<label for="remail">Repeat mail* <input id="remail"type="email" required></label><br>
<label for="pass">Password* <input id="pass" type="password" required></label>
<label for="rpass">Repeat password* <input id="pass" type="password" required></label>
<label>*Obligatory fields</label>
<div class="whole">
<div class="left">
<h3 class="green">Personal Details</h3>
<table>
<tr>
<td><label for="name" class="goright">Name *</label></td>
<td><input id="name"type="text" required></td>
</tr>
```



```
<tr>
<td><label for="no" class="goright">Phone *</label></td>
<td><input id="no" type="tel"required></td>
</tr>
<tr>
<td><label for="street" class="goright gray">Street</label></td>
<td><input id="street" type="text"></td>
</tr>
<tr>
<td><label for="city" class="goright">City *</label></td>
<td><input id="city" type="text" required></td>
</tr>
<tr>
<td><label for="country" class="goright">Country *</label></td>
<td>
<select name="country" id="country" required>
<option value=""> </option>
<option value="">India</option>
<option value="">US</option>
<option value="">UK</option>
</select>
</td>
</tr>
<tr>
<td><label for="web" class="goright gray">Website </label></td>
<td><input id="web" type="text" required value="http://"></td>
</tr>
</table>
</div>
<div class="right">
<h3 class="green">Further Information</h3>
<table>
<tr>
<td><label for="gender">Gender *</label></td>
<td>
<input type="radio" name="gender" id="male" required>Male
<input type="radio" name="gender" id="female" required>Female
</td>
</tr>
<tr>
<td><label for="">Birthdate *</label></td>
<td>
<select name="num" id="num">
<option>01</option>
<option>02</option>
<option>03</option>
<option>04</option>
<option>05</option>
<option>11</option>
<option>12</option>
<option>13</option>
<option>14</option>
<option>15</option>
<option>16</option>
<option>17</option>
<option>18</option>
<option>19</option>
<option>20</option>
<option>21</option>
<option>22</option>
```



```
<option>23</option>
<option>24</option>
<option>25</option>
<option>26</option>
<option>27</option>
<option>28</option>
<option>29</option>
<option>30</option>
<option>31</option>
</select>
<select name="month" id="month">
<option>January</option>
<option>February</option>
<option>March</option>
<option>April</option>
<option>May</option>
<option>June</option>
<option>July</option>
<option>Augest</option>
<option>September</option>
<option>October</option>
<option>November</option>
<option>December</option>
</select>
<input type="tel" name="" id="" >
</td>
</tr>
<tr>
<td><label for="nationality">Nationality*</label></td>
<td>
<select name="nation" id="" required>
<option></option>
<option>India</option>
<option>China</option>
</select>
</td>
</tr>
<tr>
<td><label for="child">Children*</label></td>
<td><input type="checkbox" name="" id=""></td>
</tr>
</table>
<h3 class="gray" id="back">HELPFUL INFORMATION</h3>
<p class="gray" id="helpinfo">Here comes some explaining text,Lorem ipsum dolor sit amet consectetur adipisicing elit. Architecto earum aperiam iure. Lorem ipsum, dolor sit amet consectetur adipisicing elit. At et culpa delectus. Consequatur expedita placeat fugiat temporibus pariatur? Et, eos.</p>
</div>
</form>
</div>
<div class="whole">
<div class="aadi">
<h3 class="green">Terms and Mailing</h3><br>
<input type="checkbox" name="Term1" id=""> <label for="term1">* I accept the Terms and Conditions</label><br>
<input type="checkbox" name="term2" id=""> <label for="term2">I want to receive personalized offers by your site</label><br>
<input type="checkbox" name="term3" id=""> <label for="term3">Allow partners to send me personalized offers and related services</label><br></div>
<div class="aadi2">
<input type="submit" value="Register>>" id="btn">
</div>
```



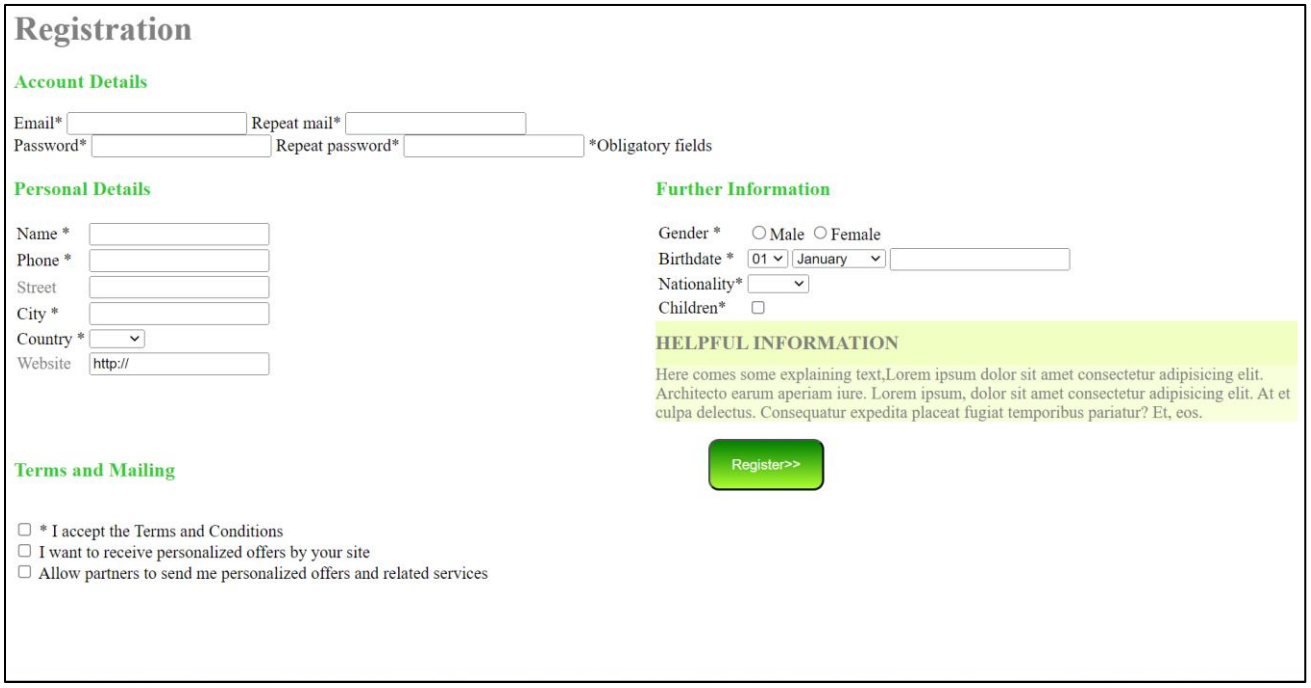
```
</div>
</body>
</html>
```

File name: pr4.css

Code:

```
.gray{
color: gray;
}
.green{
color: limegreen;
}
.label{
margin-left: 20px;
}
.goright{
text-align: right;
}
.whole{
display: flex;
}
.left{
width: 50%;
}
.right{
width: 50%;
}
.table{
width: 100%;
}
#btn{
background-image: -webkit-linear-gradient(green,greenyellow);
padding: 15px 20px;
border-radius: 10px;
color: white;
margin: 0px 50px;
}
#back{
padding: 10px 0;
background-color: rgba(230, 255, 140, 0.521);
margin: 0 0;
}
.aadi{
width: 50%;
}
.aadi2{
width: 50%;
}
#helpInfo{
margin: 0 0;
background-color: rgba(230, 255, 140, 0.308);
}
```

Output:


Registration
Account Details
Email* Repeat mail*
Password* Repeat password* *Obligatory fields
Personal Details
Name *
Phone *
Street
City *
Country *
Website http://
Further Information
Gender * Male Female
Birthdate * 01 January
Nationality*
Children*
HELPFUL INFORMATION
Here comes some explaining text,Lorem ipsum dolor sit amet consectetur adipisicing elit. Architecto earum aperiam iure. Lorem ipsum, dolor sit amet consectetur adipisicing elit. At et culpa delectus. Consequatur expedita placeat fugiat temporibus pariatur? Et, eos.
Terms and Mailing
Register>>
* I accept the Terms and Conditions
I want to receive personalized offers by your site
Allow partners to send me personalized offers and related services

JavaScript

Practical No:_____ Dt:_____

Aim: To study about basic JavaScript (Client-side scripting with JavaScript, variables, functions, conditions, loops and repetition, Pop up boxes, JavaScript and objects, JavaScript own objects, forms and validations).

Exercises:

1) Write a JavaScript to find first 10 prime numbers.

Code:

```
function isPrime(num)
{
	if (num <= 1) return false;
	if (num <= 3) return true;
	if (num % 2 === 0 || num % 3 === 0) return false;
	for (let i = 5; i * i <= num; i += 6)
	{
		if (num % i === 0 || num % (i + 2) === 0) return false;
	}
	return true;
}
function findFirstNPrimes(n)
{
	const primes = [];
	let num = 2;
	while (primes.length < n)
	{
		if (isPrime(num))
		{
			primes.push(num);
		}
		num++;
	}
	return primes;
}
const first10Primes = findFirstNPrimes(10);
console.log(first10Primes);
```

2) Write a JavaScript for following scenario.

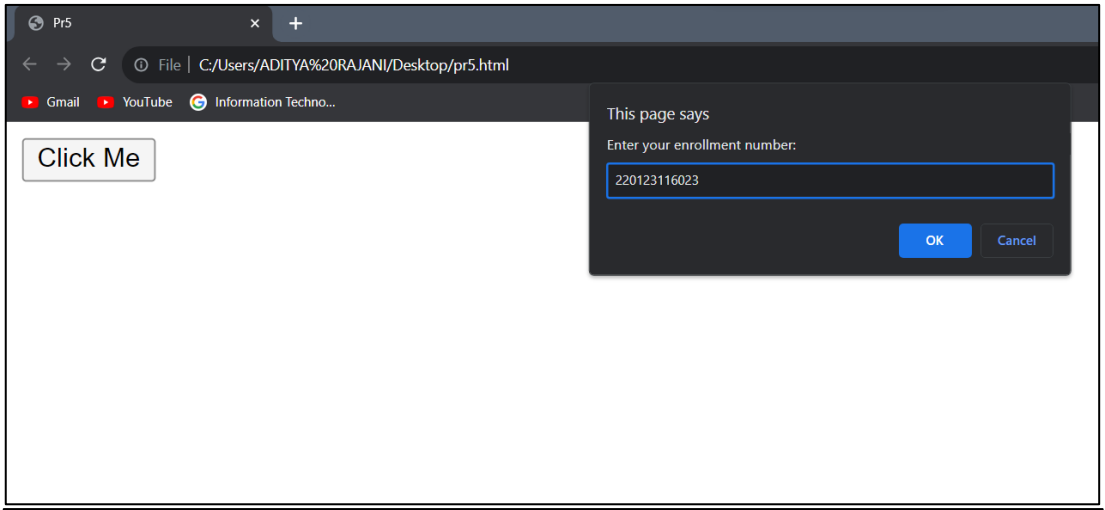
a) Take one button.
b) When we click on button it prompt dialog box.
c) In the dialog box there is one text box for entering your enrollment no.
d) Also this dialog box has two buttons: OK and Cancel. If the user clicks the OK button, the window method prompt () will return the entered value from the text box. If the user clicks the Cancel button, the window method prompt () returns null.

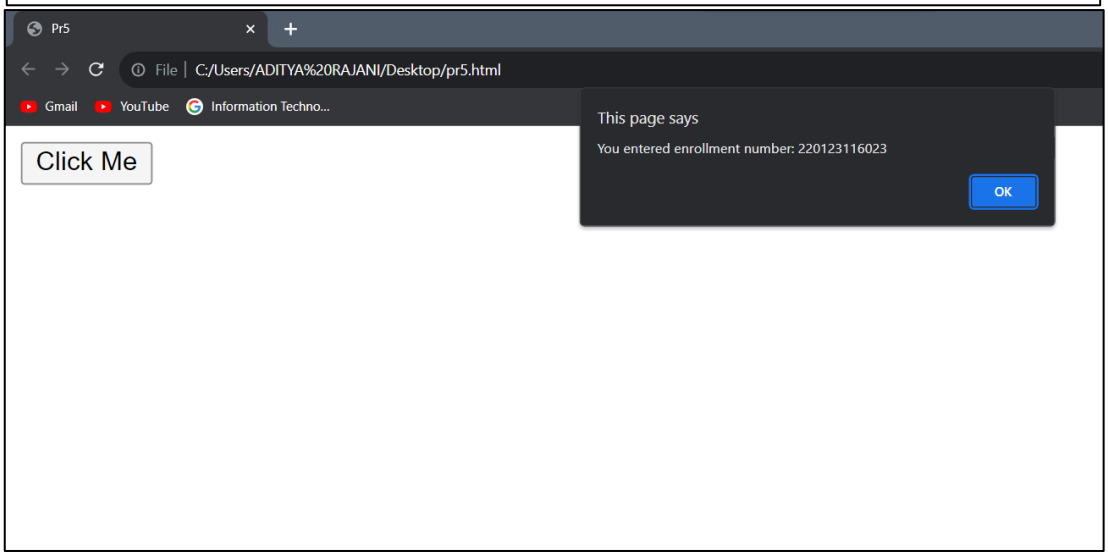
File name: pr5.html

Code:

```
<!DOCTYPE html>
<html>
<head>
<title>Pr5</title>
</head>
<body>
<button id="promptButton">Click Me</button>
<script>
const promptButton = document.getElementById('promptButton');
promptButton.addEventListener('click', () => {
const enrollmentNo = prompt('Enter your enrollment number:');
if (enrollmentNo === null) {
alert('You clicked Cancel or closed the dialog.');
} else {
alert(`You entered enrollment number: ${enrollmentNo}`);
}
});
</script>
</body>
</html>
```

Output:



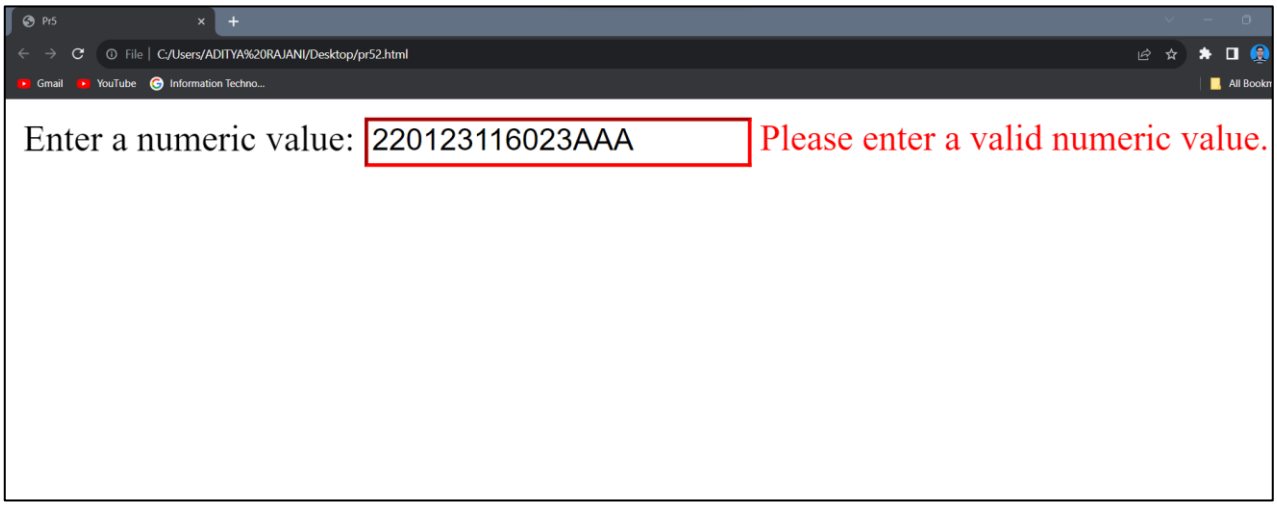


3) Write a JavaScript for numeric validation on Textbox

File name: pr52.html
Code:

```
<!DOCTYPE html>
<html>
<head>
<title>Pr5</title>
</head>
<body>
<label for="numericInput">Enter a numeric value:</label>
<input type="text" id="numericInput">
<span id="errorText" style="color: red;"></span>
<script>
const numericInput = document.getElementById('numericInput');
const errorText = document.getElementById('errorText');
numericInput.addEventListener('input', function() {
const inputValue = numericInput.value.trim();
if (!/^\d+$/.test(inputValue)) {
errorText.textContent = 'Please enter a valid numeric value.';
numericInput.style.borderColor = 'red';
} else {
errorText.textContent = '';
numericInput.style.borderColor = '';
}
});
</script>
</body>
</html>
```

Output:


Pr5
File | C:/Users/ADITYA%20RAJANI/Desktop/pr52.html
Gmail
YouTube
Information Techno...
All Bookm
Enter a numeric value: 220123116023AAA
Please enter a valid numeric value.

XAMMP

Practical No:_____ **Dt:**_____

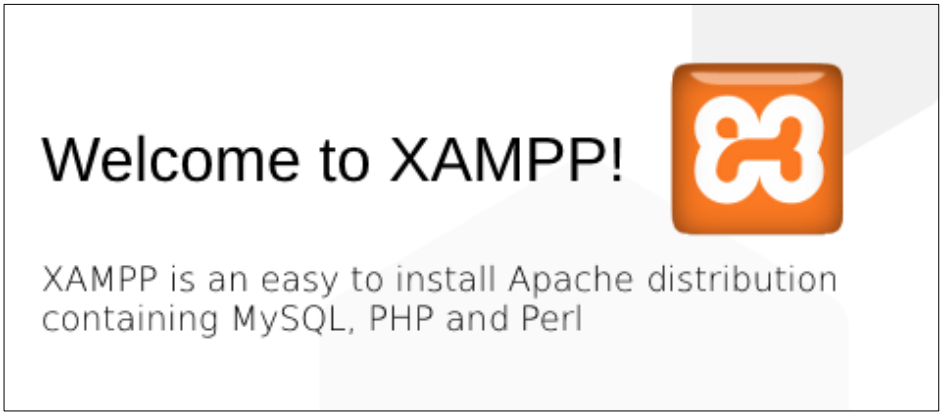
Aim: Install XAMMP in Ubuntu or Windows.

Exercises:

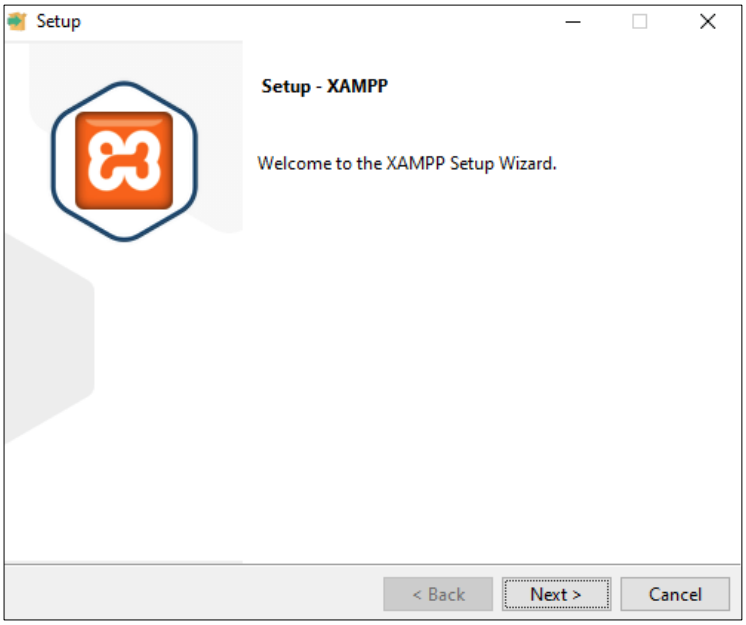
1.) **Install XAMMP or WAMP in your personal computer and take the screen shots of each and every step. Also Write down the installation steps.**

1.) **Download XAMPP**: Visit the official XAMPP website at https://www.apachefriends.org/ and download the latest version of XAMPP for Windows. Make sure to download the installer with the appropriate architecture (32-bit or 64-bit) based on your Windows version.

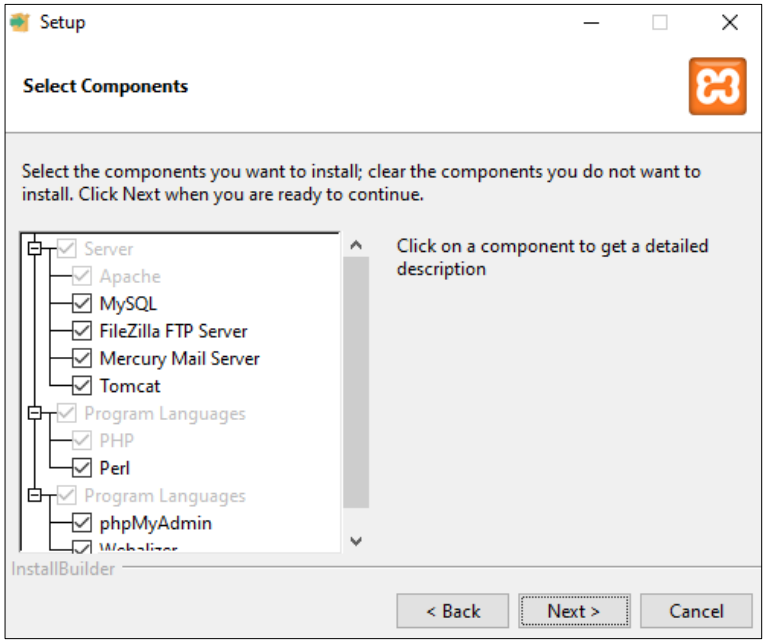
2.) **Run the Installer**: Locate the downloaded installer file (usually named something like **xampp-win32-x.x.x-x-installer.exe**) and double-click it to run the installer.



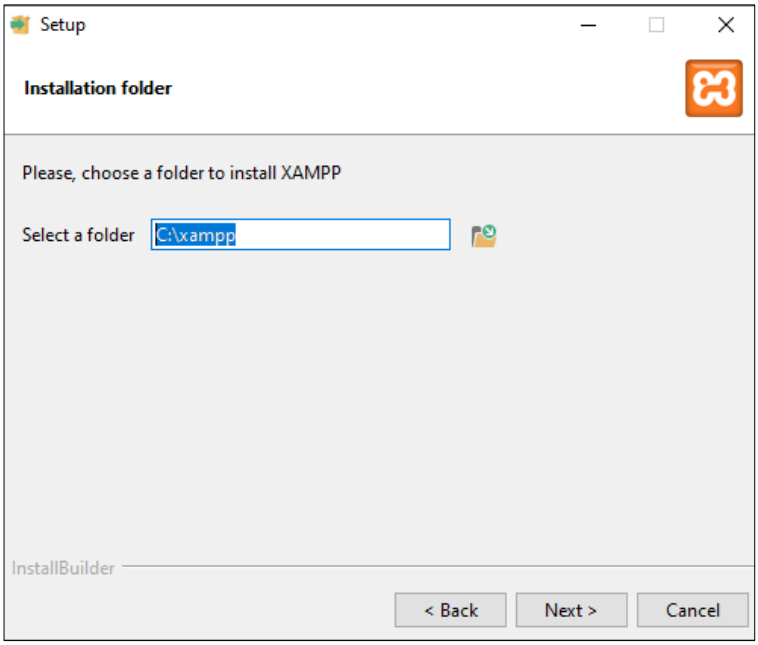
3.) **User Account Control (UAC) Prompt**: Windows may display a User Account Control (UAC) prompt to confirm that you want to allow the installer to make changes to your system. Click "Yes" to proceed.



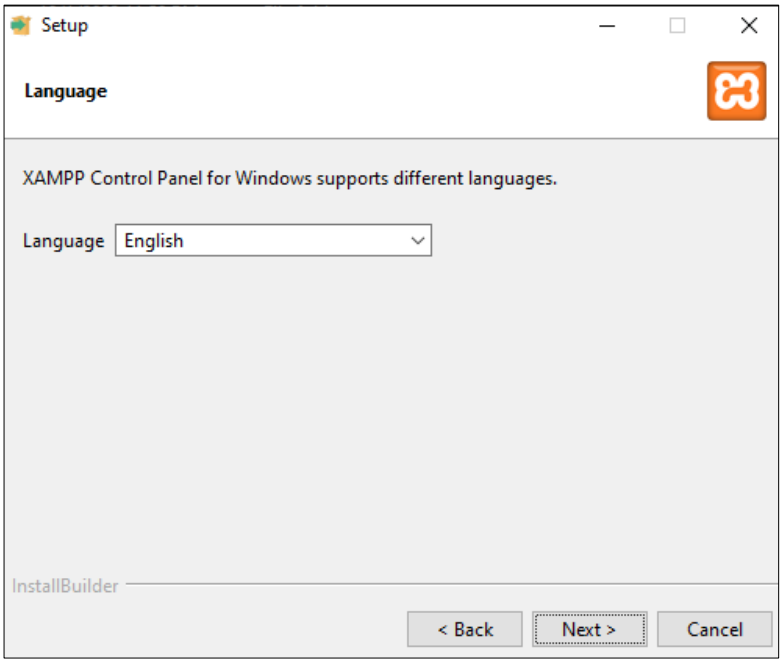
4.) **Select Components**: The installer will open a window where you can select which components to install. By default, essential components like Apache, MySQL, PHP, and phpMyAdmin are selected. You can leave the default selection as-is or customize it based on your needs. Click the "Next" button to continue.



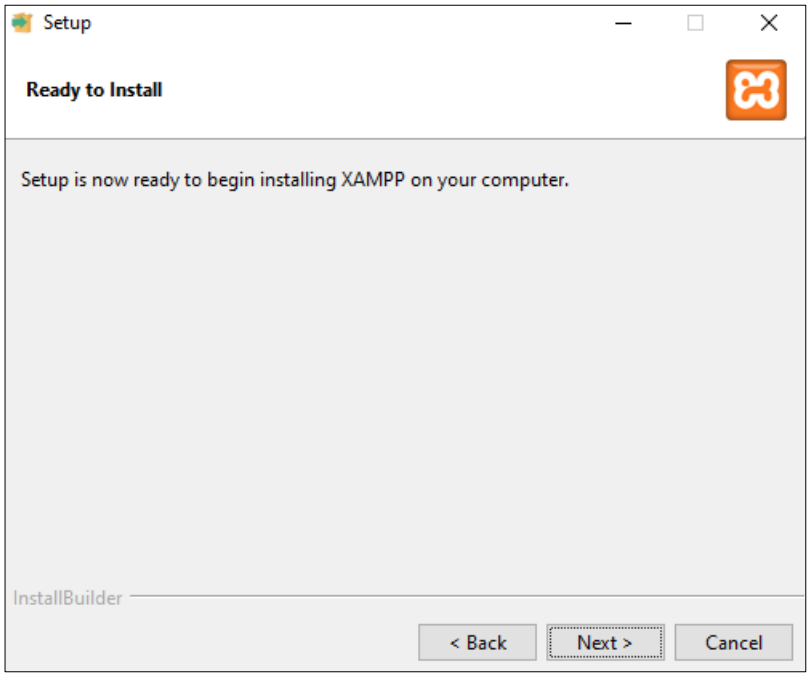
5.) **Choose Installation Folder**: Select the folder where you want to install XAMPP. The default location is usually in the "C:\xampp" directory. You can change this location if needed. Click the "Next" button to proceed.



6.) **Choose Additional Tasks**: You may be presented with options to install Bitnami for XAMPP and learn more about Bitnami. You can leave these options unchecked if you don't need them. Click "Next" to continue.

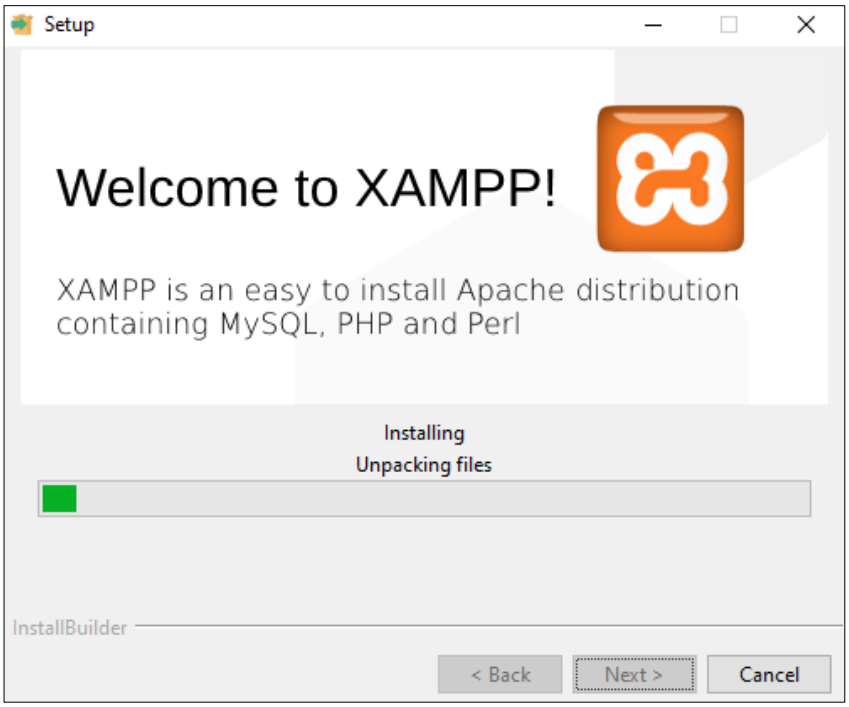


7.) **Ready to Install**: Review your selections and click the "Next" button to start the installation process. XAMPP will be installed to the chosen directory.

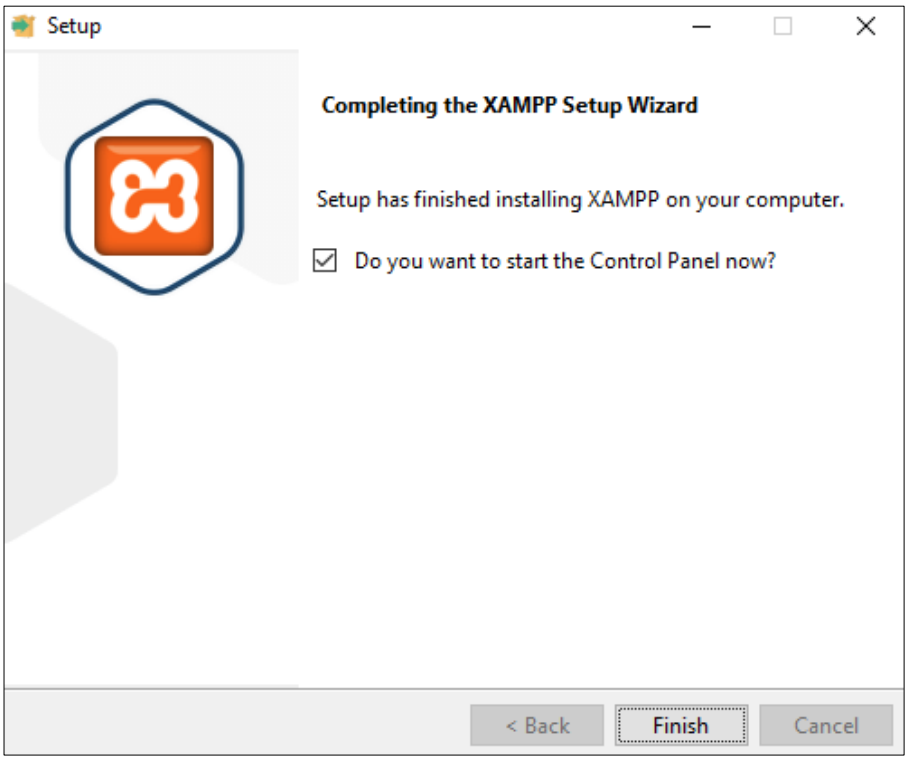


8.) **Firewall Warning**: During the installation, Windows Firewall may display a warning about Apache HTTP Server. It's safe to allow access, so click the "Allow access" or similar button to proceed.

9.) **Installation Progress**: The installer will copy files and configure the selected components. This process may take a few minutes.



10.) Completion: Once the installation is complete, you'll see a screen that indicates successful installation. You can choose to start the XAMPP Control Panel now. Leave the checkbox checked and click "Finish."



PHP

Practical No:_____ Dt:_____

Aim: To Study and implement basic syntax of PHP.

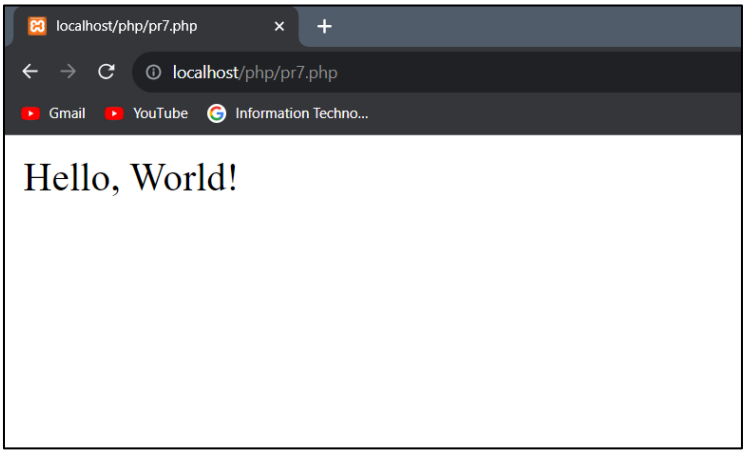
Exercises:

1.) Write PHP Code to illustrate the following concepts.
a.) Print "Hello World!"

File name: pr7.php
Code:

```
<?php
    echo "Hello, World!";
?>
```

Output:

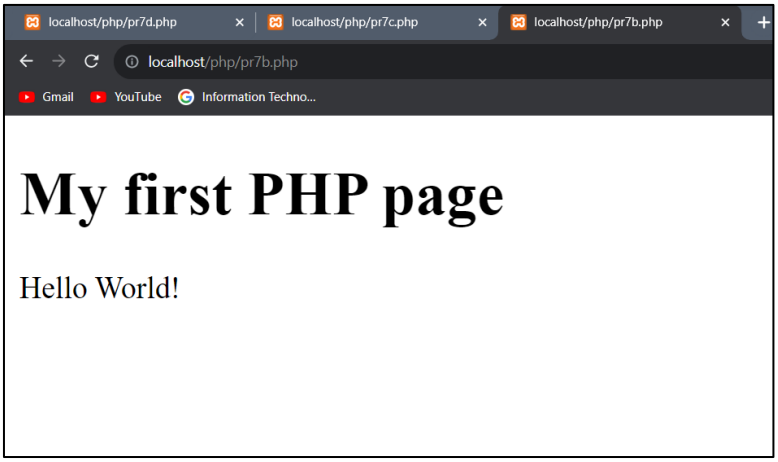


b.) Embedding PHP within HTML

File name: pr7b.php
Code:

```
<!DOCTYPE html>
<html>
<body>
<h1>My first PHP page</h1>
<?php
echo "Hello World!";
?>
</body>
</html>
```

Output:

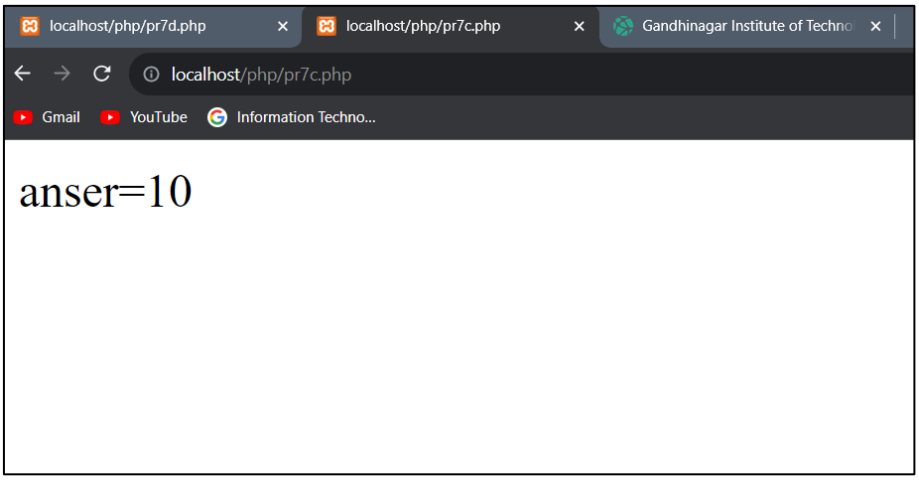


c.) PHP single line comments (Contains program definition)

File name: pr7c.php
Code:

```
<?php
// this program count values and gives result
$x = 5 /* + 15 */ + 5;
echo $x;
?>
```

Output:

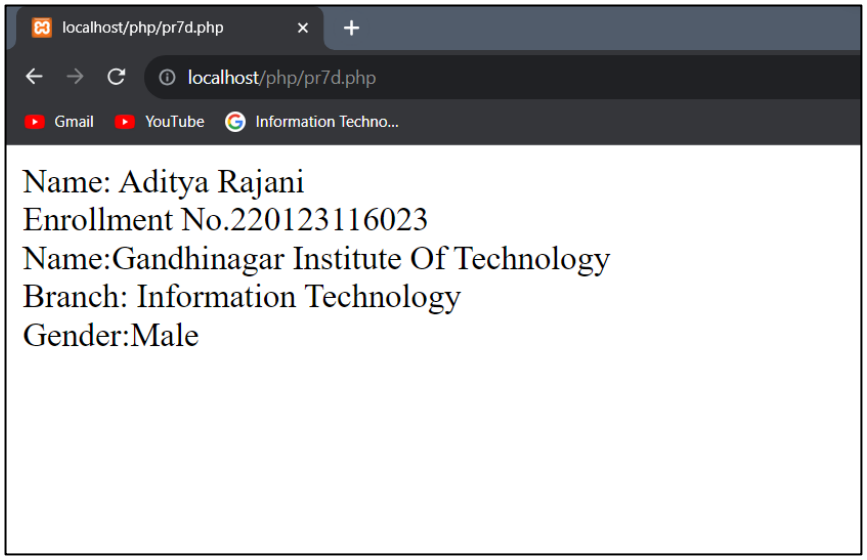


d.) Creating Variables in PHP (define variable name, enrolment_no, collage name, branch name, gender)

File name: pr7d.php
Code:

```
<?php
$name = "Aditya Rajani";
$en = "220123116023";
$clg = "Gandhinagar Institute Of Technology";
$branch = "Information Technology";
$gender = "Male";
echo "Name: ".$name;
echo "<br>";
echo "Enrollment No.".$en;
echo "<br>";
echo "Name:".$clg;
echo "<br>";
echo "Branch: ".$branch;
echo "<br>";
echo "Gender:".$gender;
echo "<br>";
?>
```

Output:



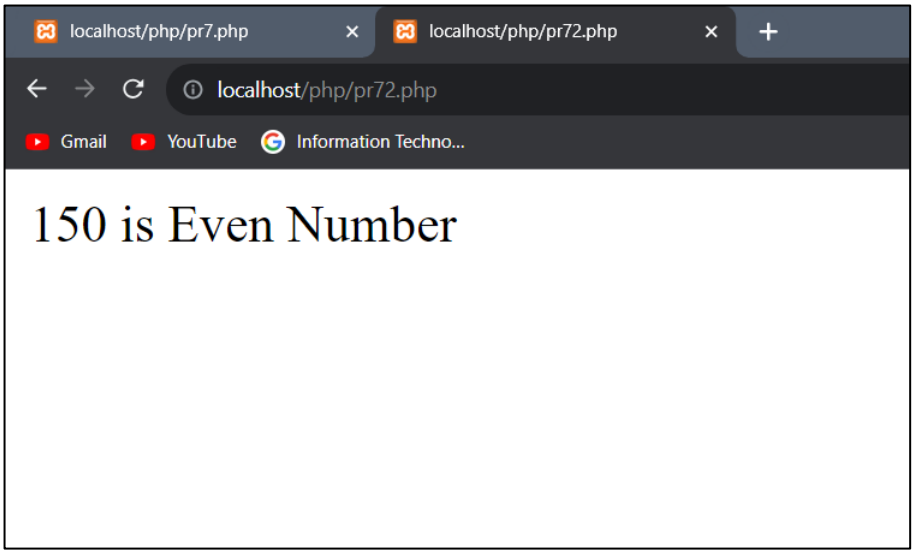
2.) Write PHP Code for given number is odd or even. (Use If..Else codition)

File name: pr72.php
Code:

```
<?php
$number=150;
if($number%2==0)
{
 echo "$number is Even Number";
}
else
{
 echo "$number is Odd Number";
```

```
}
?>
```

Output:

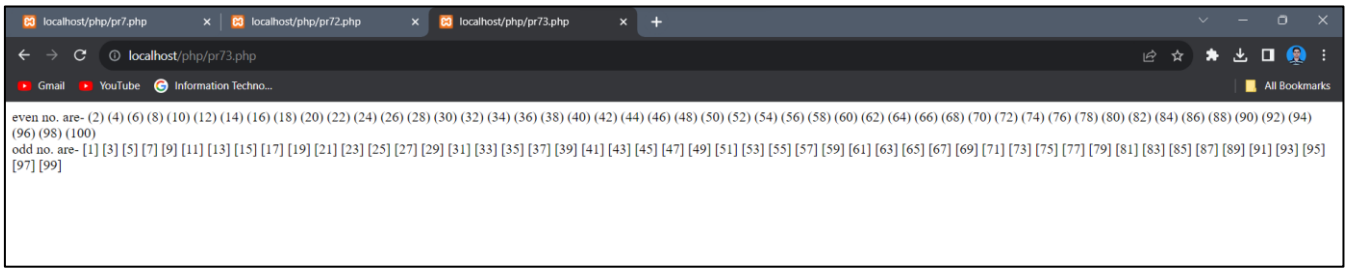


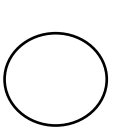
3.) Write PHP Code that print odd and even number from 1 to 100 (Use For Loop)

File name: pr73.php
Code:

```
<?php
echo "220123116019 </br>";
echo "even no. are-" ." ";
for($i=1;$i<=100;$i++){
if($i%2==0){
echo '(' .$i .')' ."    ";
}
}
echo "<br>";
echo "odd no. are-" ." ";
for($i=0;$i<=100;$i++){
 if($i%2!=0){
echo '['.$i.']' ." ";
}
}
?>
```

Output:





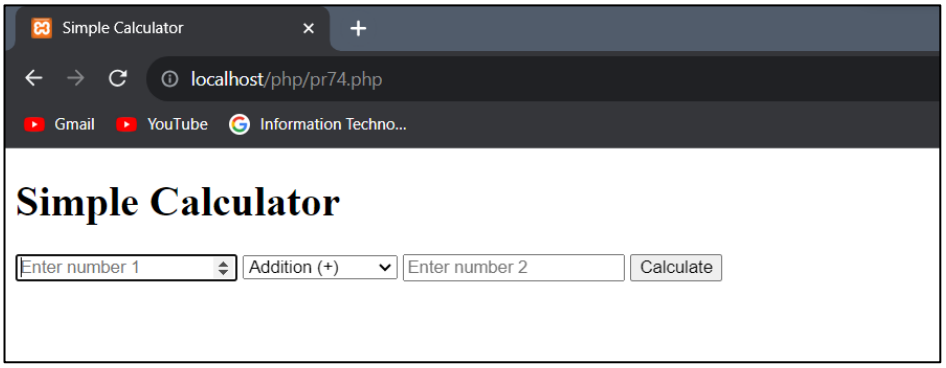
4.) Write PHP code that for basic calculator operations (Use Switch case)

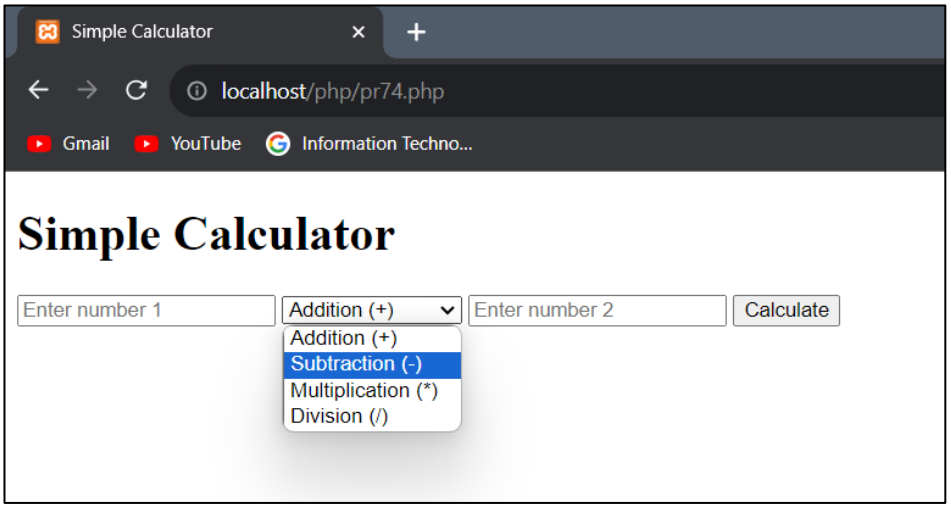
File name: pr74.php
Code:

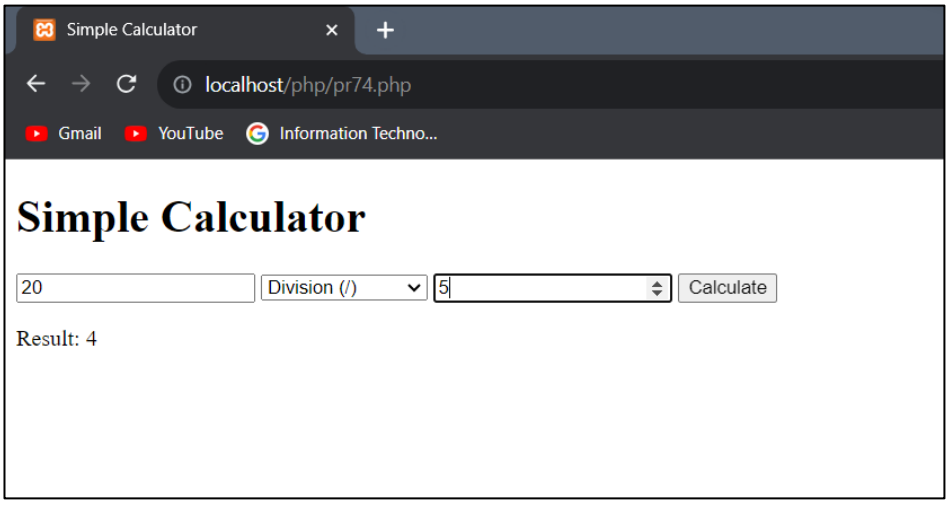
```
<?php
if(isset($_POST['submit'])) {
    $num1 = $_POST['num1'];
    $num2 = $_POST['num2'];
    $operator = $_POST['operator'];

    switch($operator) {
        case 'add':
            $result = $num1 + $num2;
            break;
        case 'subtract':
            $result = $num1 - $num2;
            break;
        case 'multiply':
            $result = $num1 * $num2;
            break;
        case 'divide':
            if ($num2 != 0) {
                $result = $num1 / $num2;
            } else {
                $result = "Cannot divide by zero";
            }
            break;
        default:
            $result = "Invalid operator";
    }
}
?>

<!DOCTYPE html>
<html>
<head>
    <title>Simple Calculator</title>
</head>
<body>
    <h1>Simple Calculator</h1>
    <form method="POST">
        <input type="number" name="num1" placeholder="Enter number 1" required>
        <select name="operator">
            <option value="add">Addition (+)</option>
            <option value="subtract">Subtraction (-)</option>
            <option value="multiply">Multiplication (*)</option>
            <option value="divide">Division (/)</option>
        </select>
        <input type="number" name="num2" placeholder="Enter number 2" required>
        <input type="submit" name="submit" value="Calculate">
    </form>
```

```
    <?php
    if(isset($result)) {
        echo "<p>Result: $result</p>";
    }
    ?>
</body>
</html>
```

Output:







PHP Forms

Practical No:_____ Dt:_____

Aim: To study about PHP Form Processing, Files, Cookies and Sessions.

Exercises:

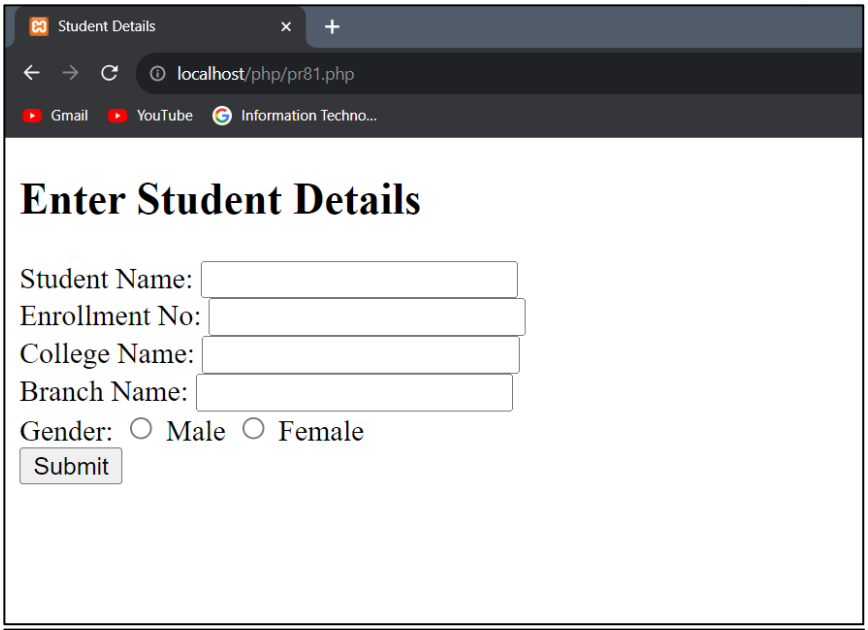
1) Write a PHP code for open the file and write your basic details (students).

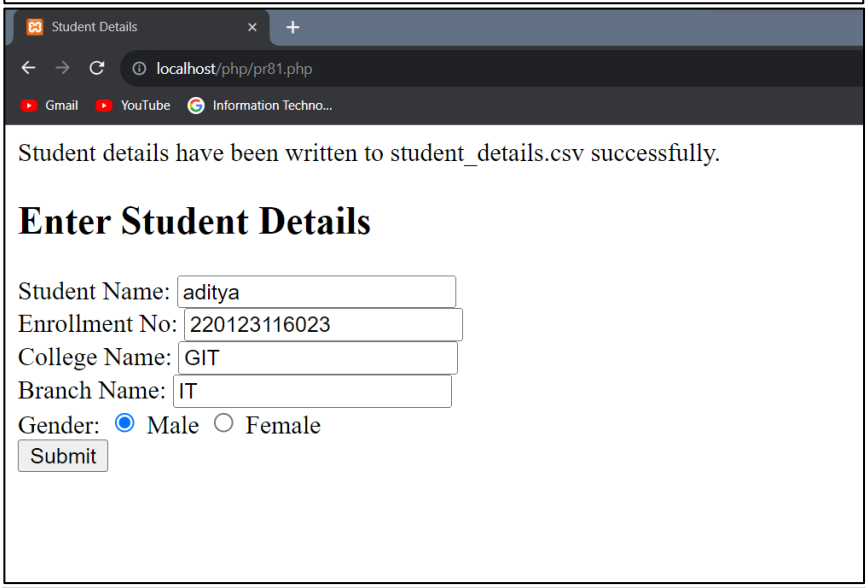
File name: pr81.php

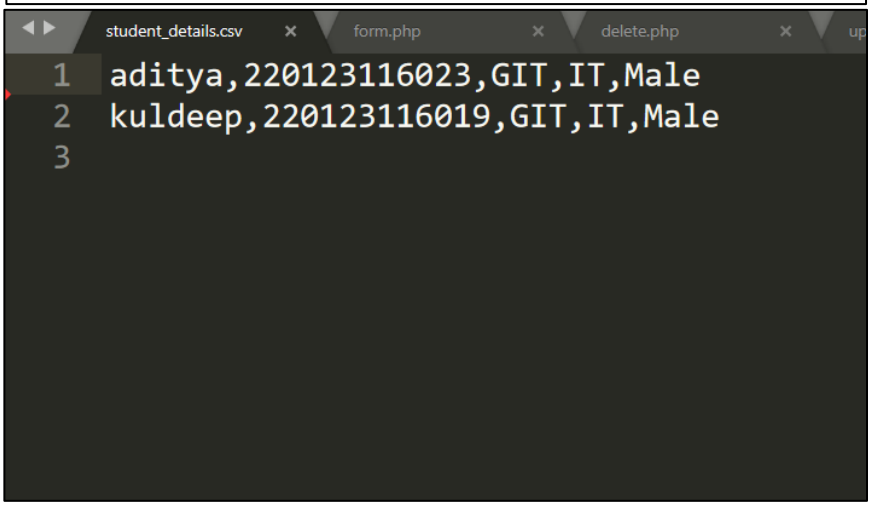
Code:

```
<?php
$studentName = "";
$enrollmentNo = "";
$collegeName = "";
$branchName = "";
$gender = "";
$filePath = "student_details.csv";
if ($_SERVER["REQUEST_METHOD"] == "POST") {
$studentName = $_POST["studentName"];
$enrollmentNo = $_POST["enrollmentNo"];
$collegeName = $_POST["collegeName"];
$branchName = $_POST["branchName"];
$gender = $_POST["gender"];
$file = fopen($filePath, "a");
if ($file) {
$data = [$studentName, $enrollmentNo, $collegeName, $branchName, $gender];
fputcsv($file, $data);
fclose($file);
echo "Student details have been written to $filePath successfully.";}
else { echo "Error opening the file.";}
}
?>
<html>
<head>
<title>Student Details</title>
</head>
<body>
<h2>Enter Student Details</h2>
<form method="POST" action="">
<label for="studentName">Student Name:</label>
<input type="text" name="studentName" required><br>
<label for="enrollmentNo">Enrollment No:</label>
<input type="text" name="enrollmentNo" required><br>
<label for="collegeName">College Name:</label>
<input type="text" name="collegeName" required><br>
<label for="branchName">Branch Name:</label>
<input type="text" name="branchName" required><br>
<label for="gender">Gender:</label>
<input type="radio" name="gender" value="Male" required> Male
<input type="radio" name="gender" value="Female" required> Female<br>
<input type="submit" name="submit" value="Submit">
</form>
</body>
</html>
```

Output:

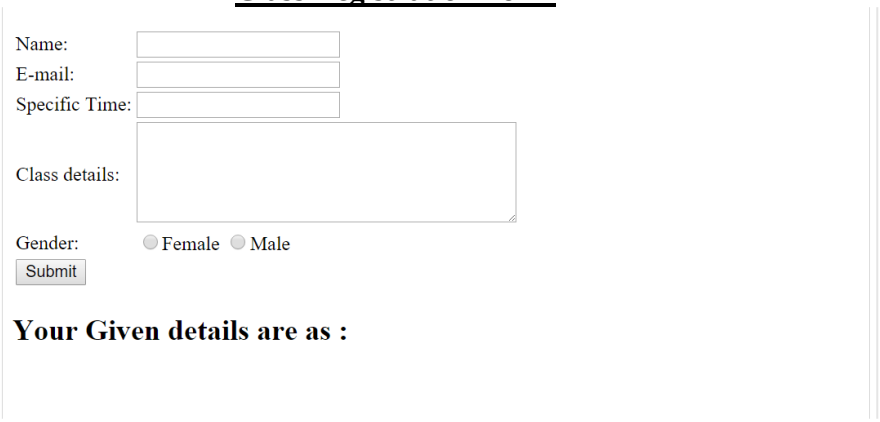

Student Details
localhost/php/pr81.php
Gmail
YouTube
Information Techno...
Enter Student Details
Student Name:
Enrollment No:
College Name:
Branch Name:
Gender: Male Female
Submit


Student Details
localhost/php/pr81.php
Gmail
YouTube
Information Techno...
Student details have been written to student_details.csv successfully.
Enter Student Details
Student Name: aditya
Enrollment No: 220123116023
College Name: GIT
Branch Name: IT
Gender: Male Female
Submit


student_details.csv
form.php
delete.php
1 aditya,220123116023,GIT,IT,Male
2 kuldeep,220123116019,GIT,IT,Male
3

2) Prepare following form in HTML-PHP and print the all the filled details in the bottom of the page when we click on SUBMIT button.

Class Registration Form

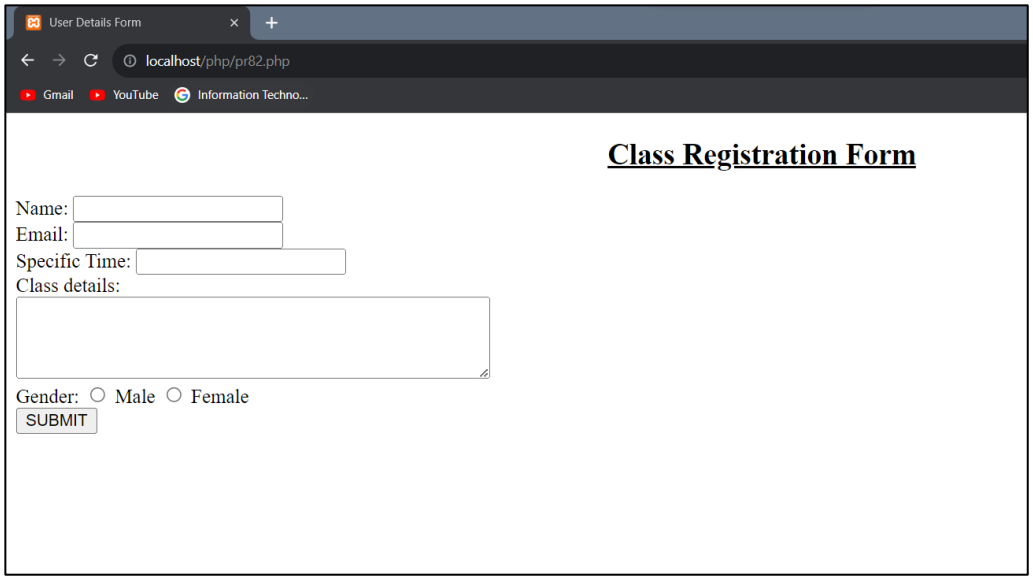


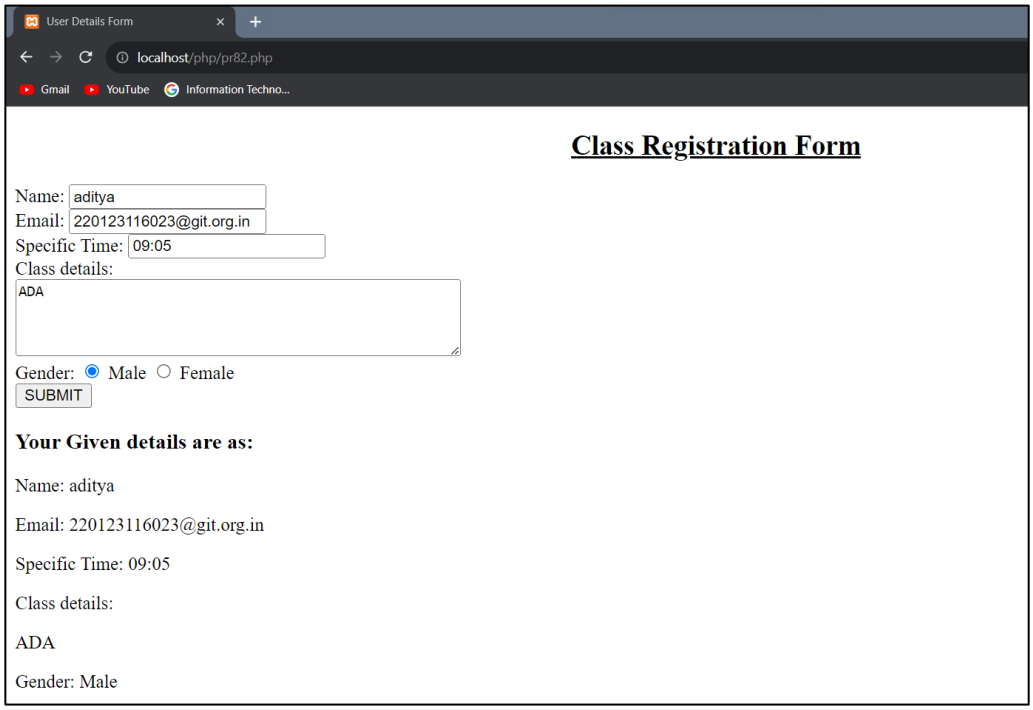
File name: pr82.php

Code:

```
<html>
<head>
<title>User Details Form</title>
</head>
<body>
<h2 style="text-align: center;"><u>Class Registration Form</u></h2>
<form method="POST" action="">
<label for="name">Name:</label>
<input type="text" name="name" required><br>
<label for="email">Email:</label>
<input type="email" name="email" required><br>
<label for="age">Specific Time:</label>
<input type="text" name="age" required><br>
<label for="comments">Class details:</label>
<textarea name="comments" rows="4" cols="50"></textarea><br>
<label for="gender">Gender:</label>
<input type="radio" name="gender" value="Male" required> Male
<input type="radio" name="gender" value="Female" required> Female<br>
<input type="submit" name="submit" value="SUBMIT">
</form>
<?php
if (isset($_POST['submit'])) {
$name = $_POST['name'];
$email = $_POST['email'];
$age = $_POST['age'];
$comments = $_POST['comments'];
$gender = $_POST['gender'];
echo "<h3>Your Given details are as:</h3>";
echo "<p>Name: $name</p>";
echo "<p>Email: $email</p>";
echo "<p>Specific Time: $age</p>";
echo "<p>Class details:</p>";
echo "<p>$comments</p>";
echo "<p>Gender: $gender</p>";
}
?>
</body>
</html>
```

Output:


User Details Form
localhost/php/pr82.php
Gmail
YouTube
Information Techno...
Class Registration Form
Name:
Email:
Specific Time:
Class details:
Gender: Male Female
SUBMIT


User Details Form
localhost/php/pr82.php
Gmail
YouTube
Information Techno...
Class Registration Form
Name: aditya
Email: 220123116023@git.org.in
Specific Time: 09:05
Class details:
ADA
Gender: Male Female
SUBMIT
Your Given details are as:
Name: aditya
Email: 220123116023@git.org.in
Specific Time: 09:05
Class details:
ADA
Gender: Male

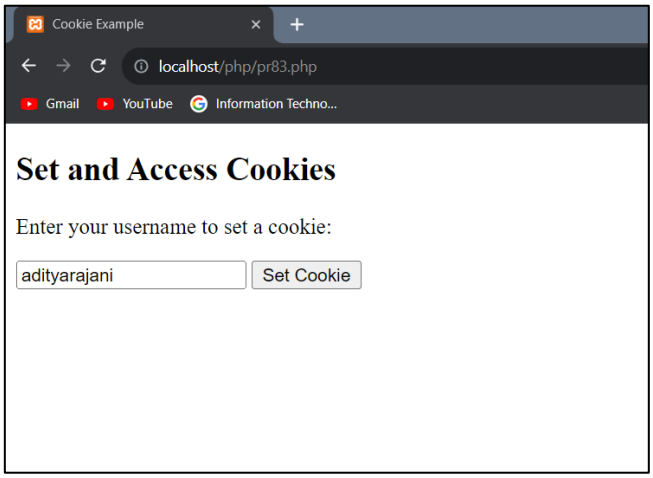
3) Write a HTML PHP code for Setting a cookies and accessing a cookies.

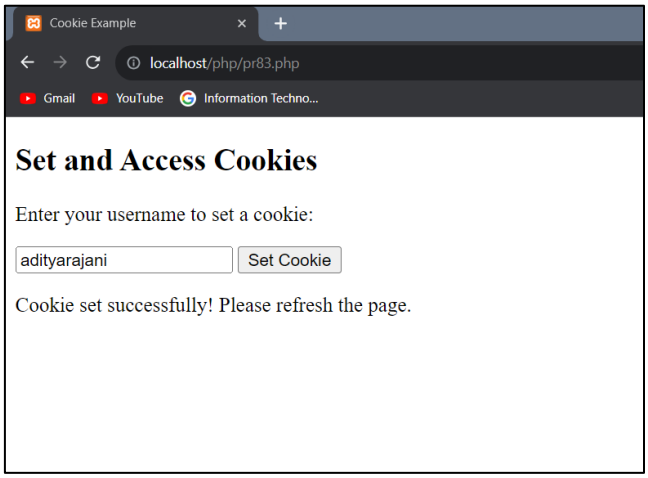
File name: pr83.php

Code:

```
<html>
<head>
<title>Cookie Example</title>
</head>
<body>
<h2>Set and Access Cookies</h2>
<?php
if (isset($_COOKIE['user'])) {
$username = $_COOKIE['user'];
echo "<p>Welcome back, $username!</p>";
}
else {
echo "<p>Enter your username to set a cookie:</p>";
echo '<form method="POST" action="">
<input type="text" name="username" placeholder="Enter your username">
<input type="submit" name="setCookie" value="Set Cookie">
</form>';
if (isset($_POST['setCookie'])) {
$username = $_POST['username'];
setcookie('user', $username, time() + 3600); // Set a cookie for 1 hour
echo "<p>Cookie set successfully! Please refresh the page.</p>";
}
}
?>
</body>
</html>
```

Output:



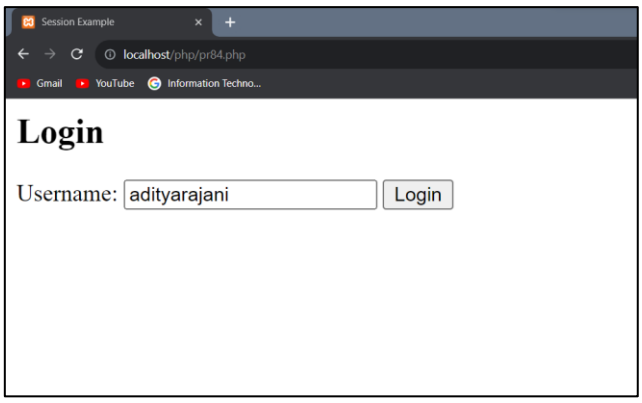


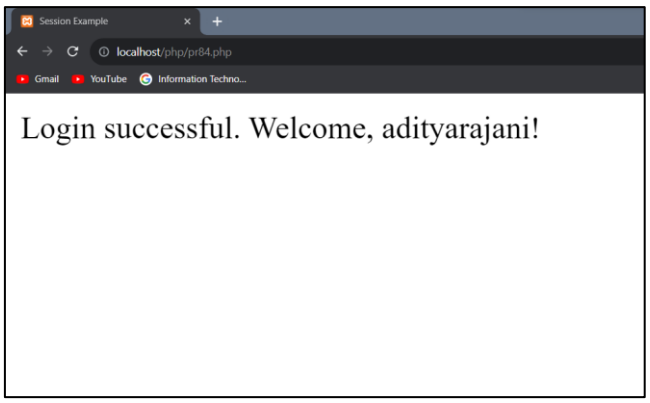
4) Write a PHP code to apply session.

File name: pr84.php
Code:

```
<?php
session_start();
if (isset($_SESSION['username'])) {
$username = $_SESSION['username'];
echo "Welcome back, $username!";
} else {
if (isset($_POST['login'])) {
$enteredUsername = $_POST['username'];
if ($enteredUsername === "adityarajani") {
$_SESSION['username'] = $enteredUsername;
$username = $enteredUsername;
echo "Login successful. Welcome, $username!";
} else {
echo "Invalid username. Please try again.";
}
} else {
echo '<h2>Login</h2>';
echo '<form method="POST" action="">
<label for="username">Username:</label>
<input type="text" name="username" required>
<input type="submit" name="login" value="Login">
</form>';
}
}
?>
<!DOCTYPE html>
<html>
<head>
<title>Session Example</title>
</head>
<body>
</body>
</html>
```

Output:





PHP and MySQL

Practical No:_____ Dt:_____

Aim: To study about PHP and MySQL Basic commands and data base operation (Update and Delete)

Exercises:

1) To study about PHP and MySQL Basic commands and data base operation (Update and Delete)

1. Insert the data in database of the form (that was created in experiment 6 Que 3).
2. Retrieve the data in tabular for of inserted above data.
3. Make the one webpage with following functionalities.

Make 3 pages

a) Form.php

b) Update.php

c) Delete.php

Scenario for UPDATE:

When I click on update button new page (update.php) will be open.
In this opened page you have to retrieve the data from database and shown in text box.
Also put one button and update this existing record.

Scenario for DELETE:

When I click on delete button then data will be deleted and show the message that "Data removed from database"

Page 1 Form.php

Students Details- INSERT

Insert New Student Details

Enrolment No.

Name

Contact No

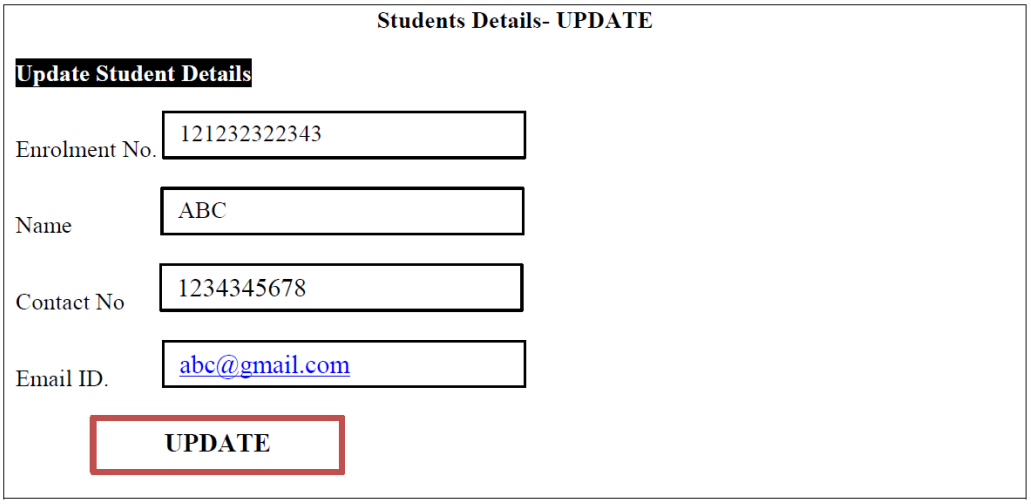
Email ID.

INSERT

Inserted Student Details

Enrolment No	Name	Contact No	Email ID	Action
121232322343	ABC	1234345678	abc@gmail.com	Update | Delete
123212333333	PQR	3244554333	pqr@gmail.com	Update | Delete
876543234567	XYZ	1232349898	xyz@gmail.com	Update | Delete
123432345667	LMN	3234567890	lmn@gmail.com	Update | Delete

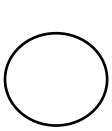
Page 2 Update.php



File name: form.php

Code:

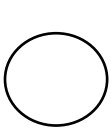
```
<?php
error_reporting(0);
include"connection.inc";
?>
<!DOCTYPE html>
<html>
<head>
<title>PR9</title>
</head>
<body>
<form action="form.php" method="post">
<h2 style="text-align: center;">Student details- INSERT</h2>
<h2>Insert new student details.</h2>
Enrollment No: <input type="text" name="eno">
<br>
Name: <input type="text" name="name">
<br>
contect No: <input type="text" name="cno">
<br>
Email id: <input type="text" name="eid">
<br>
<input style="margin-left: 60px; margin-top: 20px; border-color: red;" type="submit" name="INSERT"
value="INSERT">
<br>
<br>
<h2>Inserted Student Details</h2>
<table border="1" align="center" style="">
<tr>
<th>Enrollment No</th>
<th>Name</th>
<th>Contect No</th>
<th>Email id</th>
<th>Action</th>
</tr>
<?php
$qry = "select * from studentdetails";
$data = mysqli_query($conn,$qry);
$total = mysqli_num_rows($data);
//echo $total;
```



```
if($total!=0)
while ($row=$data->fetch_assoc())
echo "
<tr>
<td>".$row['eno']."</td>
<td>".$row['name']."</td>
<td>".$row['cno']."</td>
<td>".$row['eid']."</td>
<td><a href='update.php?rn=$row[eno] & nm=$row[name] & cn=$row[cno] & ei=$row[eid]'>update</a>|<a
href='delete.php?rn=$row[eno]'>Delete</a></td>
</tr>
"
?>
</form>
</body>
</html>
<?php
$eno=($_POST['eno']);
$name=($_POST['name']);
$cno=($_POST['cno']);
$eid=($_POST['eid']);
//echo $eno;
//echo $name;
//echo $cno;
//echo $eid;
$qry1="insert into studentdetails values($eno,'$name','$eid',$cno)";
//echo $qry1."<BR>";
$result1=$conn->query($qry1);
?>
```

File name: update.php
Code:

```
<?php
include"connection.inc";
error_reporting(0);
$eno = intval($_GET['rn']);
$qry="select * from studentdetails where eno = $eno";
$result = $conn->query($qry);
$row = $result->fetch_assoc();
$eno = $row['eno'];
$name = $row['name'];
$cno = $row['cno'];
$eid = $row['eid'];

?>
<!DOCTYPE html>
<html>
<head>
<title>pr9</title>
</head>
<body>
<form action="update.php" method="post">
<h2 style="text-align: center;">Student details- UPDATE</h2>
<h2>Update student details.</h2>
Enrollment No: <input type="text" name="eno" value="<?php echo $eno; ?>" readonly>
<br>
Name: <input type="text" name="name1" value="<?php echo $name; ?>">
<br>
contect No: <input type="text" name="cno1" value="<?php echo $cno; ?>">
```



```
<br>
Email id: <input type="text" name="eid1" value="<?php echo $eid; ?>">
<br>
<input style="margin-left: 60px; margin-top: 20px; border-color: red;" type="submit" name="UPDATE"
value="Update"><br>
</body>
</html>
<?php

$eno=($_POST['eno']);
$name=($_POST['name1']);
$cno=($_POST['cno1']);
$eid=($_POST['eid1']);
//echo $eno;
//echo $name;
//echo $cno;
//echo $eid;

$qry1="update studentdetails set name='$name', eid='$eid', cno=$cno where eno = $eno";
//echo $qry1;
$data = mysqli_query($conn,$qry1);
//echo $data;
if($data=0)
echo "data not updated!";
else
echo "data updated sucessfully!";
?>
```

File name: delete.php
Code:

```
<?php
error_reporting(0);
include"connection.inc";
$rollno=$_GET['rn'];
$qry = "delete from studentdetails where eno = $rollno";
$data = mysqli_query($conn,$qry);
echo $data;
if($data=0)
echo "data not deleted!";
else
echo "data deleted sucessfully!";
?>
```

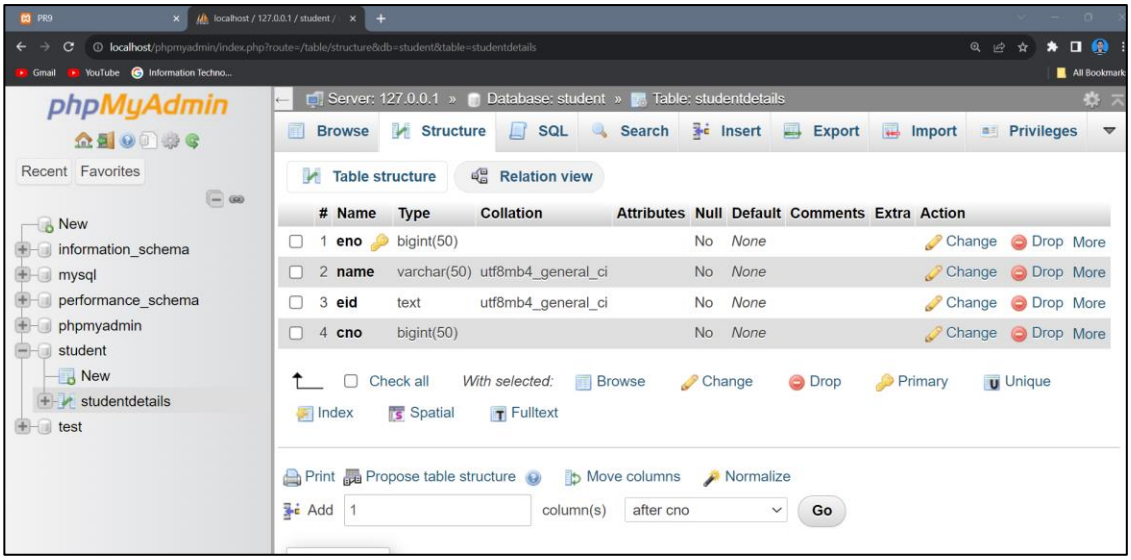
File name: connection.inc
Code:

```
<?php
$host="localhost";
$usr="root";
$password="";
$db="student";
$conn = new mysqli($host, $usr, $password,$db);
if ($conn->connect_error) {
   die("Connection failed::::::: " . $conn->connect_error);
}
?>
```

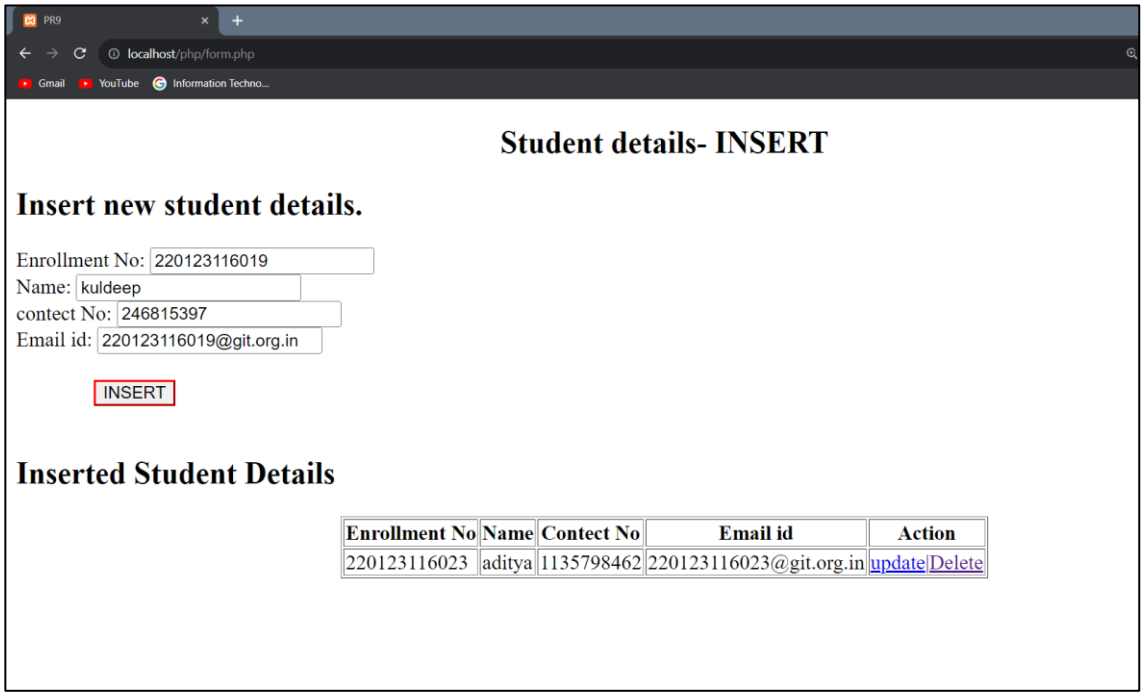
Output:

Database name: student
Table name: studentdetails

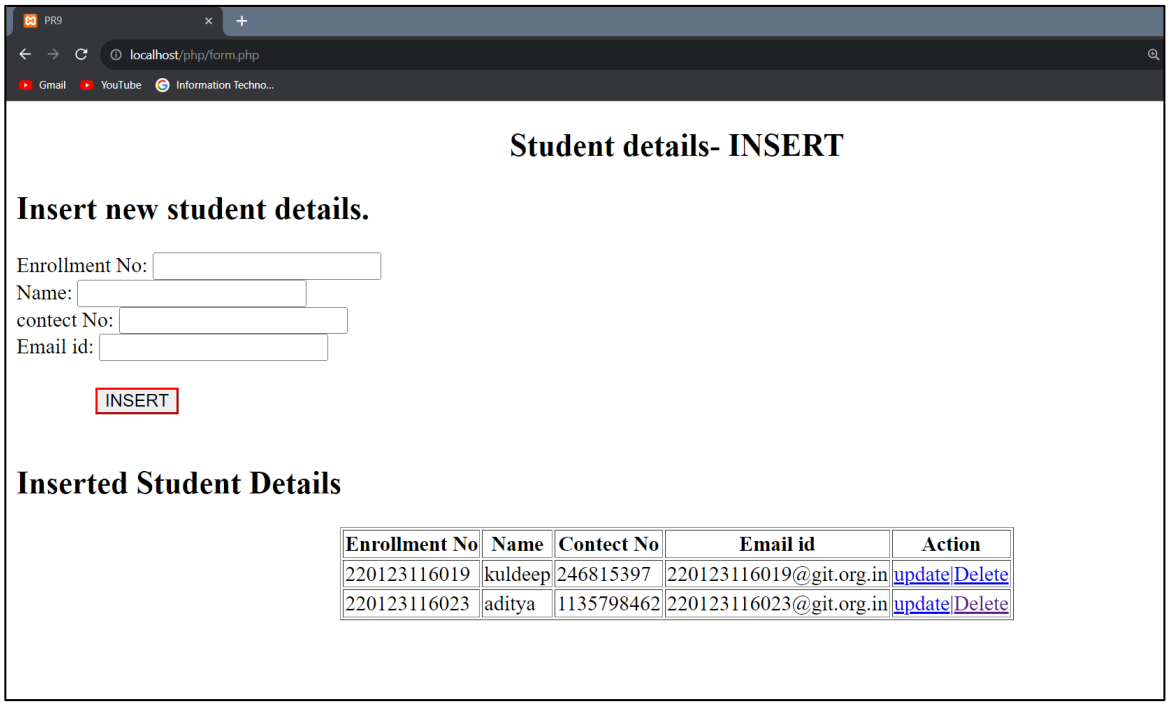
1. **Database table structure:**



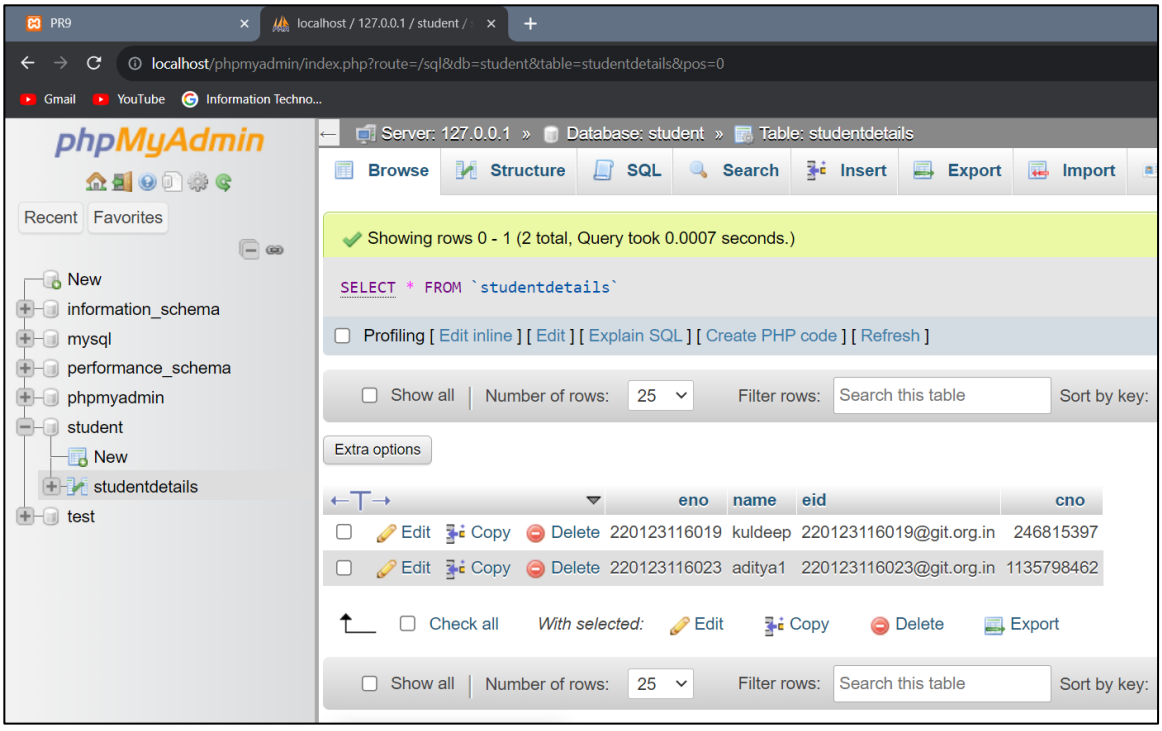
2. **Insert the data in form:**



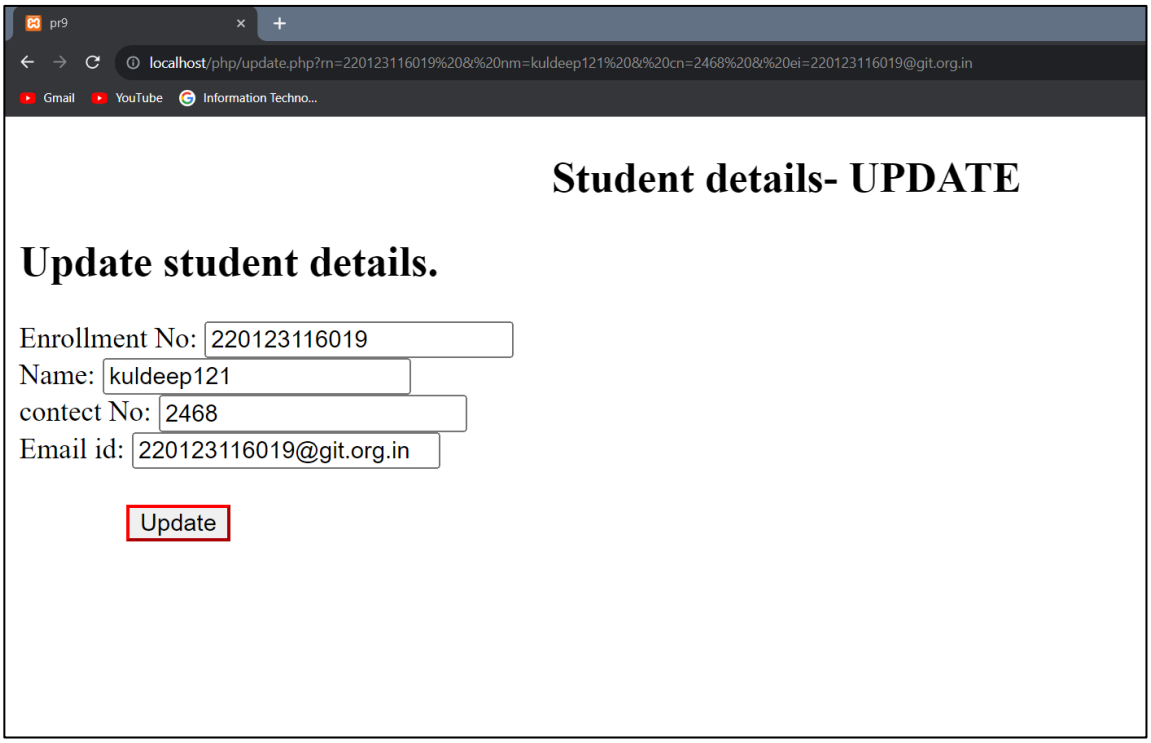
3. Check the record:



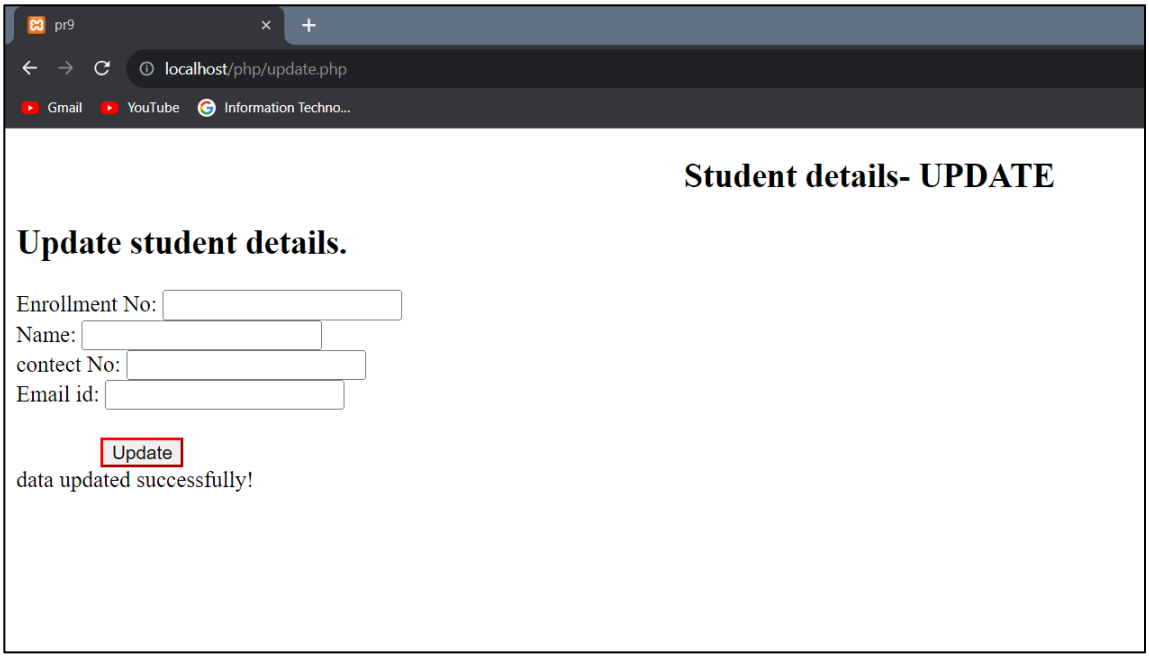
4. In database record:



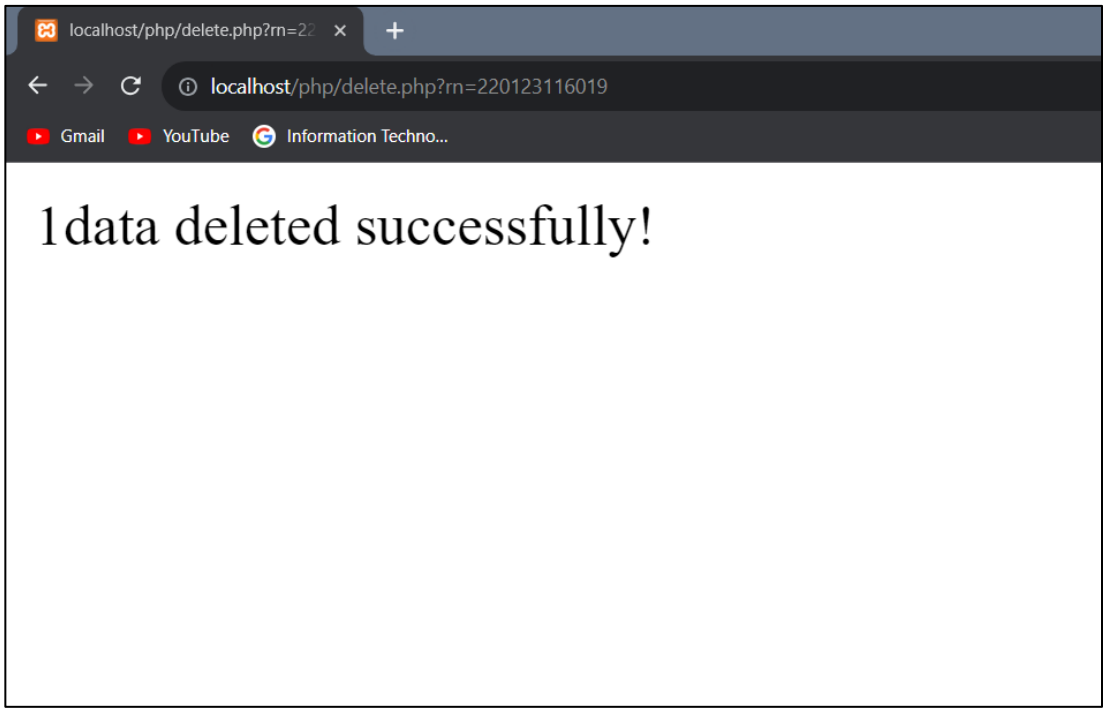
5. **Update the record:**



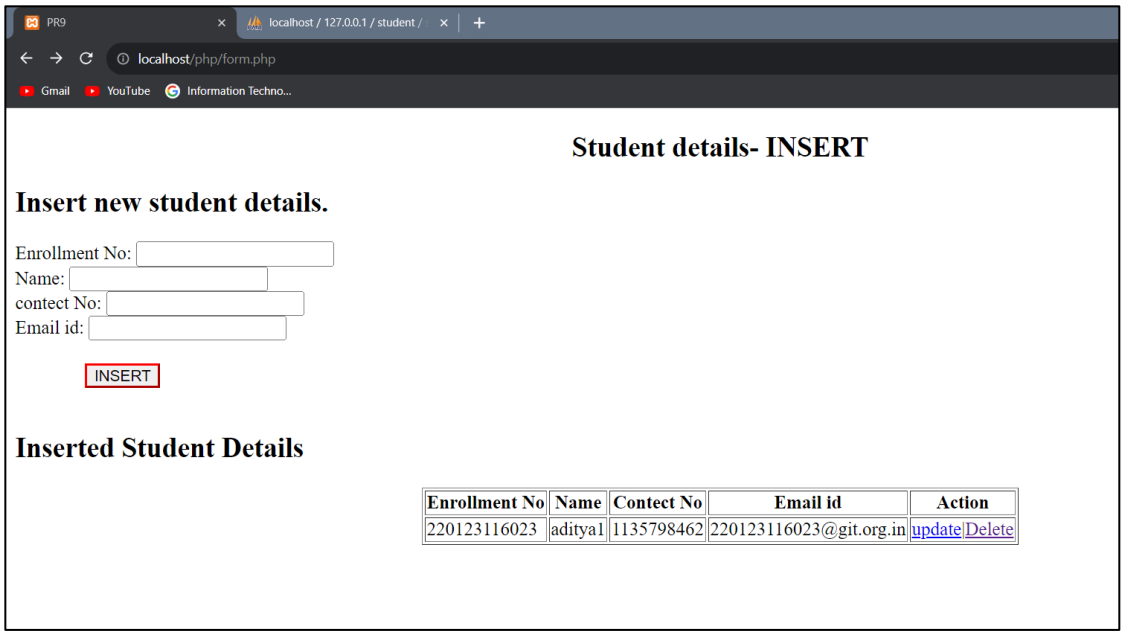
6. **After updating:**



7. **Delete one record:**



8. **After deletion:**



Concepts of AJAX and jQuery

Practical No:_____ Dt:_____

Aim: To study advanced concepts of AJAX and jQuery in PHP.

Exercises:

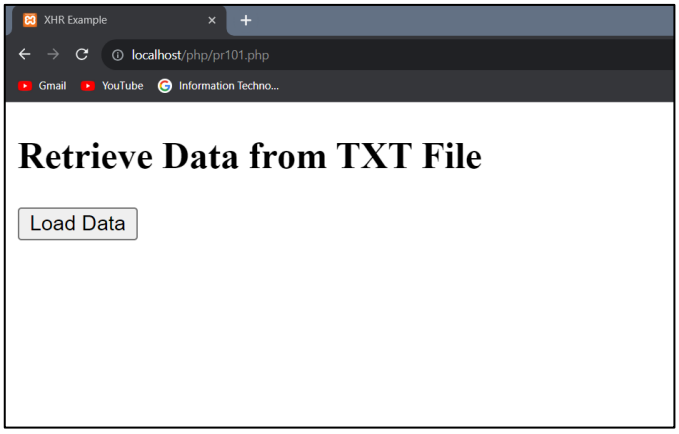
1) Create a simple XMLHttpRequest, and retrieve data from a TXT file.

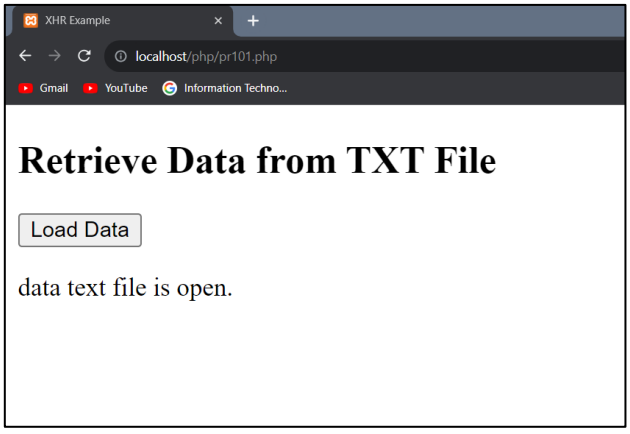
File name: pr101.php

Code:

```
<html>
<head>
<title>XHR Example</title>
</head>
<body>
<h2>Retrieve Data from TXT File</h2>
<button id="loadData">Load Data</button>
<p id="dataDisplay"></p>
<script>
function loadData() {
var xhr = new XMLHttpRequest();
xhr.open("GET", "data.txt", true);
xhr.onreadystatechange = function() {
if (xhr.readyState === 4 && xhr.status === 200) {
var responseData = xhr.responseText;
document.getElementById("dataDisplay").textContent = responseData;
}
};
xhr.send();
}
document.getElementById("loadData").addEventListener("click", loadData);
</script>
</body>
</html>
```

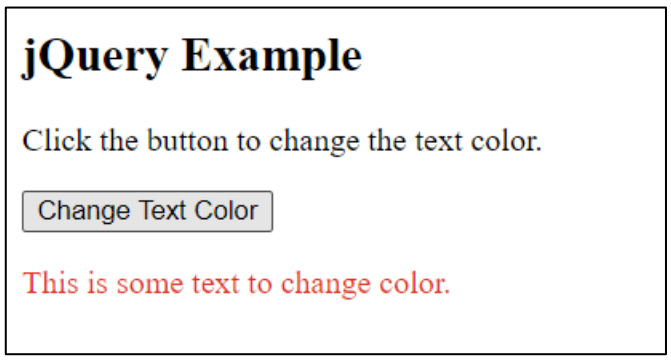
Output:





2) Create HTML page which demonstrate using of jQuery.

File name: pr102.php
Code:

```
<html>
<head>
<title>jQuery Example</title>
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
</head>
<body>
<h2>jQuery Example</h2>
<p>Click the button to change the text color.</p>
<button id="changeColorButton">Change Text Color</button>
<p id="textToChange">This is some text to change color.</p>
<script>
$(document).ready(function(){
$("#changeColorButton").click(function(){
$("#textToChange").css("color", "red");
});
});
</script>
</body>
</html>
```

Output: