

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, SONEPAT



APPLICATION PROGRAMMING LAB FILE

COMPUTER SCIENCE ENGINEERING

SUBMITTED BY:

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ROLL NO-11911074

BRANCH-CSE

SUBMITTED TO :

MD ARQUAM SIR

Q1-Creating an HTML web page forms

Procedure-

- 1- Create form using Form tag ;
- 2- Add labels and input type;
- 3- Use select and option tag for creating dropdown list;
- 4- Use same name for radio button so that only one can be selected;
- 5- In form specify the form action;

Code-

```
<!DOCTYPE html>

<html>

<head>

    <title>FORM</title>

</head>

<style type="text/css">

    body{

        background-image: url('1.png');

        background-repeat: no-repeat;

        background-attachment: fixed;

        background-size: 50% 80%;}

    body{

        background: #2BC0E4;

background: -webkit-linear-gradient(to right, #EAECC6, #2BC0E4);
```


<option value="Arunachal Pradesh">Arunachal Pradesh</option>
<option value="Assam">Assam</option>
<option value="Bihar">Bihar</option>
<option value="Chandigarh">Chandigarh</option>
<option value="Chhattisgarh">Chhattisgarh</option>
<option value="Dadar and Nagar Haveli">Dadar and Nagar Haveli</option>
<option value="Daman and Diu">Daman and Diu</option>
<option value="Delhi">Delhi</option>
<option value="Lakshadweep">Lakshadweep</option>
<option value="Puducherry">Puducherry</option>
<option value="Goa">Goa</option>
<option value="Gujarat">Gujarat</option>
<option value="Haryana">Haryana</option>
<option value="Himachal Pradesh">Himachal Pradesh</option>
<option value="Jammu and Kashmir">Jammu and Kashmir</option>
<option value="Jharkhand">Jharkhand</option>
<option value="Karnataka">Karnataka</option>
<option value="Kerala">Kerala</option>
<option value="Madhya Pradesh">Madhya Pradesh</option>
<option value="Maharashtra">Maharashtra</option>
<option value="Manipur">Manipur</option>
<option value="Meghalaya">Meghalaya</option>
<option value="Mizoram">Mizoram</option>
<option value="Nagaland">Nagaland</option>
<option value="Odisha">Odisha</option>
<option value="Punjab">Punjab</option>
<option value="Rajasthan">Rajasthan</option>

<option value="Sikkim">Sikkim</option>

<option value="Tamil Nadu">Tamil Nadu</option>

<option value="Telangana">Telangana</option>

<option value="Tripura">Tripura</option>

<option value="Uttar Pradesh">Uttar Pradesh</option>

<option value="Uttarakhand">Uttarakhand</option>

<option value="West Bengal">West Bengal</option>

</select></h3>

<h3><label>Student Contact No.:</label><input type="text" name="number"></h3>

<h3><label>Student E-mail Id:</label><input type="text" name="E-mail"></h3>

<h3><label>Languages Learn :</label><select name="lang"><option value="0">select</option>

<option value="C">C</option>

<option value="C++">C++</option>

<option value="HTM">HTML & CSS</option>

<option value="JAVA">JAVA</option>

<option value="Javascript">Javascript</option>

<option value="PYTHON">PYTHON</option>

<option value="Ruby">Ruby</option>

<option value="NONE">None</option></select></h3>

<h3><label>Area of interest:</label><select name="aoi"><option value="0">select</option>

<option value="Artificial Intelligence">Artificial Intelligence</option>

<option value="Android Development">Android Development</option>

<option value="CYBER">Cyber Security</option>

<option value="GAME">GAME DEVELOPMENT</option>

<option value="Machine learningI">Machine Learning</option>

<option value="Networkings">Networking</option>

```

<option value="Web Designing">WEB Designing</option>
    <option value="Robotics">Robotics</option>
    <option value="NONE">Yet Not Decided </option></select></h3>
<h3><label>Sports :</label><select name="sports"><option value="0">select</option>
    <option value="Atheletics">Atheletics</option>
    <option value="basketball">Basketball</option>
    <option value="Badminton">Badminton</option>
    <option value="Carrom">Carrom</option>
    <option value="Chess">Chess</option>
    <option value="cricket">Cricket</option>
    <option value="Football">Football</option>
    <option value="volleyball">Volleyball</option>
    <option value="hockey">Hockey</option>
    <option value="table tennis">Table tennis</option>
    <option value="NONE">Not Interested </option></select></h3>

    <h3><label><input type="checkbox" name="agree" required="">I here by declare that
all the information provided above are correct with my best knowledge</label></h3>

    <input type="submit" onclick="validateForm()">
</form></center>

<script type="text/javascript">
    function validateForm() {
var x = document.forms["f1"]["Firstname"].value;
if (x == "") {
    alert("Name must be correct");
    return false;
}
var regex = /^[a-zA-Z]+$/;

```

```
    if(regex.test(x)==false){
alert("Enter a valid name ");
return false;
}

x = document.forms["f1"]["lastname"].value;
if (x == "" ) {
    alert("Name must be correct");
    return false;
}

if(regex.test(x)==false){
alert("Enter a valid name ");
return false;}

x = document.forms["f1"]["rollno"].value;
if (x == "" ) {
    alert(" Enter roll no");
    return false;
}

var reg=/^[0-9]+$;/
if(reg.test(x)==false){
alert("Enter a valid roll no ");
return false;
}

if(x.length!=8)
{
    alert(" roll no must be of 8 digit");
    return false;
}
```

```
x = document.forms["f1"]["number"].value;

if (x == "" ) {

    alert(" Enter contact number");

    return false;

}

var reg=/^[0-9]+$;/

if(reg.test(x)==false){

alert("Enter a valid number ");

return false;

}

if(x.length!=10)

{

    alert(" roll no must be of 10 digit");

    return false;

}

var r= /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
```

```
x = document.forms["f1"]["E-mail"].value;

if(r.test(x)==false){

alert("Enter a valid E-mail ");

return false;

}


```

```
x = document.forms["f1"]["state"].value;

if(x===0 || x===''){

alert("Select the state");

return false;

}


```



```
x = document.forms["f1"]["Branch"].value;
if(x===0 || x===""){
alert("Select the Branch");
return false;
}

x = document.forms["f1"]["gender"].value;
if(x===0 || x===""){
alert("Select the gender");
return false;
}

x = document.forms["f1"]["aoi"].value;
if(x===0 || x===""){
alert("Select the state");
return false;
}

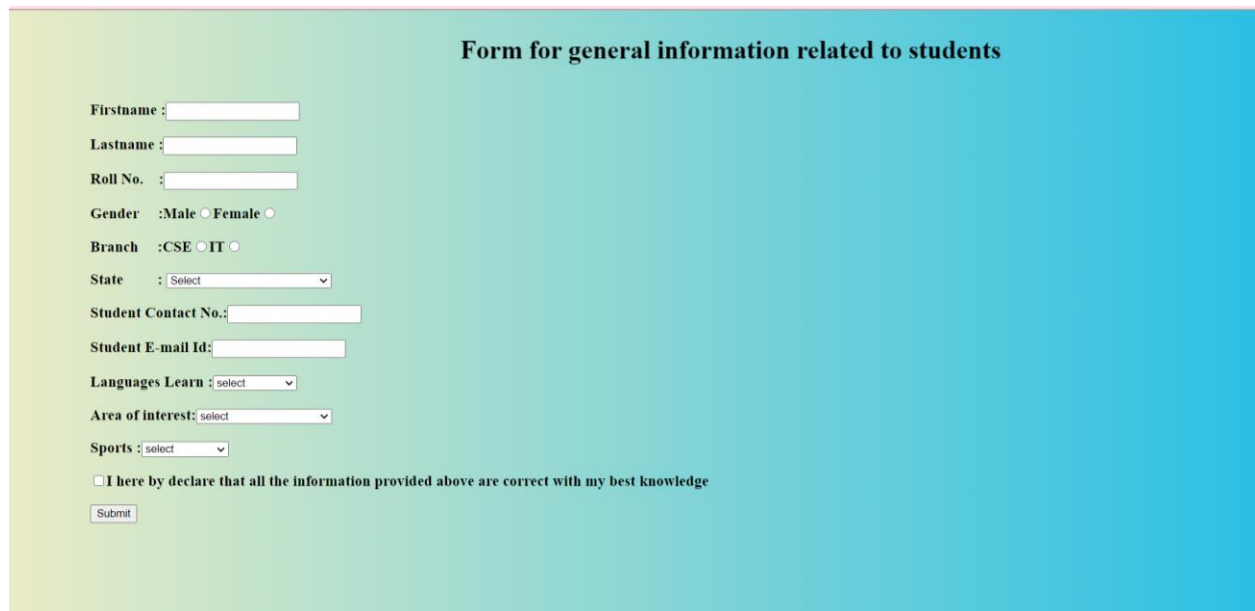
x = document.forms["f1"]["sports"].value;
if(x===0 || x===""){
alert("Select the sports");
return false;
}

x = document.forms["f1"]["lang"].value;
if(x===0 || x===""){
alert("Select the state");
return false;
}

}
```

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

OUTPUT :-



The screenshot shows a web form titled "Form for general information related to students" on a light blue background. The form is located on the left side of the page. It contains the following fields and controls:

- Firstname :
- Lastname :
- Roll No. :
- Gender : ☐ Male ☐ Female
- Branch : ☐ CSE ☐ IT
- State :
- Student Contact No.:
- Student E-mail Id:
- Languages Learn :
- Area of Interest:
- Sports :
- ☐ I here by declare that all the information provided above are correct with my best knowledge
-

Q2- Creating Home Page using HTML.

Procedure:-

- 1-Use frame to divide the page into different parts**
- 2- Mention the source file for each frame**
- 3- Use marquee tag to make heading float**
- 4-add image through img tag**
- 5-usedifferent font color to display different text**
- 6-use different h1 to h6 tags for displaying text**

Code:-

```
<html>
```

```
<head>
```

```
</head>
```

```
<frameset rows=20%,5%,55%,20%>
```

```
    <frame name=1 src='a.html'></frame>
```

```
    <frame name=2 src='b.html'></frame>
```

```
    <frame name=3 src='c.html'></frame>
```

```
    <frame name=4 src='d.html'></frame>
```

```
</frameset>
```

```
</html>
```

Sub-frames:-

a.html-


```
        </body>
</html>

12.html-
<html>
<head></head>
<body bgcolor="yellow">
    <h1><l>Name-Shivam Gupta</h1>
    <h1>Roll no-11911074</h1>
    <h1>Branch- CSE</h1></l>
</body>
</html>
```

```
22.html-
<html>
<head>
    <frameset cols=60%,40%>
    <frame name=1 src='y.html'></frame>
    <frame name=2 src='z.html'></frame>

</head>
</html>

y.html-
<!DOCTYPE html>
```

```
<html>
<head>
    <title></title>
</head>
<body>
    <center>
        
        <h4><i>INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY</i></h4>
    </center>

</body>
</html>
```

```
z.html-
<!DOCTYPE html>
<html>
<head>
    <title></title>
</head>
<style type="text/css">
    body
    {
```

overflow: hidden;

}

</style>

<body>

<h1>Admissions are open for
 new batch of session 2020-21
Two braches available</h1>

<i><h2>

Computer science

Information Technology</h2></i>

</body>

</html>

IIIT SONEPAT

<p>Home Place About Class Education</p> <p>Name-Shivam Gupta Roll no-11911074 Branch- CSE</p>	 <p>INDIAN INSTITUTE OF INFORMATION TECHNOLOGY</p>	<p>Admissions are open for new batch of session 2020-21 Two braches available</p> <ol style="list-style-type: none">1. Computer science2. Information Technology
--	---	---

CONTACT US AT :

sonepatiiit@gmail.com

Q3-Creating XHTML and CSS and understanding its use in creating web pages.

Procedure:-

- 1- Create a page using heading color then use css background property;**
- 2- Use div tag to make collection of text and apply same property for all of them**
- 3- Use id and classes to apply different style property to the webpage;**
- 4- Use different font size and font family for different text**
- 5- Use table to display contents as a table**

Code:-

```
<!DOCTYPE html>

<html>

<head>

    <title>steve job</title>

    <link rel="stylesheet" type="text/css" href="project1.css">

</head>

<body>

<div class="a"><h1><center>TRIBUTE TO STEVE
JOB</center></h1></div>

<br>

    <figure>

<center>
```


<tr><td class="ab">Jan 1983</td><td class="cd" colspan="7">Launch of the Lisa computer. The Lisa team later merges with the Mac team under Steve Jobs's leadership</td></tr>

<tr><td class="ab">8 Apr 1983</td><td class="cd" colspan="7">PepsiCo CEO John Sculley becomes Apple's CEO after having been wooed by Steve Jobs for several months</td></tr>

<tr><td class="ab">17 Sep 1985</td><td class="cd" colspan="7">Steve Jobs resigns from Apple and starts NeXT with five other refugees from Apple. Apple announces it will sue NeXT</td></tr>

<tr><td class="ab">Dec 1996</td><td class="cd" colspan="7">Apple, which was desperately looking for a modern operating system to buy, eventually buys NeXT for \$400 million. Steve Jobs is named "informal adviser" to Apple CEO Gil Amelio</td></tr>

<tr><td class="ab">6 May 1998</td><td class="cd" colspan="7">Steve Jobs introduces Apple's revolutionary iMac at the Flint Center auditorium in Cupertino, 14 years after he had introduced the Macintosh at that same place</td></tr>

<tr><td class="ab">5 Oct 1999</td><td class="cd" colspan="7">Introduction of the iMac DVs and of iMovie, the first of Apple's first Digital Hub app</td></tr>

<tr><td class="ab">28 Apr 2003</td><td class="cd" colspan="7">Apple opens the revolutionary online iTunes Music Store in the US, after negotiating landmark deals with all major music labels</td></tr>

<tr><td class="ab">15 Jan 2008</td><td class="cd"colspan="7">At Macworld 2008, Steve Jobs introduces MacBook Air, with the tagline 'the world's thinnest notebook'. Three years later, it will come to redefine all of Apple's notebook product line</td></tr>

<tr><td class="ab">24 Aug 2011</td><td class="cd"colspan="7">Steve Jobs resigns as CEO of Apple, with the words 'I have always said if there ever came a day when I could no longer meet my duties and expectations as Apple's CEO, I would be the first to let you know. Unfortunately, that day has come.' Tim Cook becomes Apple CEO</td></tr>

<tr><td class="ab">5 Oct 2011</td><td class="cd"colspan="7">Steve Jobs dies at home, surrounded by his family</td></tr>

</table>

<table id="gh">

<tr><td><h3>Born</h3></td><td class="ij">Steven Paul Jobs

February 24, 1955

San Francisco, California, U.S.</td></tr>

<tr><td><h3>Died</h3></td><td class="ij">October 5, 2011 (aged 56)

Palo Alto, California, U.S.</td></tr>

<tr><td><h3>Occupation</h3></td><td class="ij">Co-founder,
Chairman, and
CEO of Apple Inc.

Primary investor and CEO of Pixar

Founder and CEO of NeXT</td></tr>

<tr><td><h3>Parents</h3></td><td class="ij">Paul Jobs
(adoptive father)

Clara Jobs (adoptive mother)

Abdulfattah Jandali (biological father)

Joanne Schieble Simpson (biological mother)</td></tr>

<tr><td><h3>Children</h3></td><td class="ij">with
Brennan;

Lisa Brennan (b. 1978)

with Powell;

Reed Jobs (b. 1991)

Erin Jobs (b. 1995)

Eve Jobs (b. 1998)</td></tr>

<tr><td><h3>Cause of death</h3></td><td class="ij">Pancreatic
cancer and

respiratory arrest</td></tr>

</table>

}

#c{

color:#e6d4d5;

}

.ab

{ padding-left: 25px;

padding-right: 10px;

background-color: white;

border: 0px;

border-top-width: 1px;

border-style: solid;

font-weight: 900;

}

.cd

{

background-color:#e6d4d5;

padding: 20px;

}

#ef

```
{  
    border:0px;  
    width:60%;  
    border-spacing: 0px;  
    padding-left: 150px;  
    float: left;
```

```
}
```

```
#gh
```

```
{ width:30%;
```

```
    padding-left: 100px;
```

```
    padding-top: 100px;
```

```
}
```

```
.ij
```

```
{
```

```
    padding:10px;
```

```
    border-style: solid;
```

```
}
```

```
#mn{
```

```
    float: bottom;
```



```
width: 60%;  
background-color: #ebe6da;  
font-family: 'Pacifico', cursive;  
font-size: 25px;  
}
```

Output:-



TIMELINE

24 Feb 1955	Steven Paul was born in San Francisco, the son of Abdulfattah Jandali and Joanne Schieble. He is quickly adopted by Paul and Clara Jobs
1969	Steve Jobs meets Steve Wozniak, 5 years older, through a mutual friend. Woz and Steve share a love of electronics, Bob Dylan, and pranks
Mar 1976	Woz and Steve show the early Apple I board at the Homebrew Computer Club
28 Aug 1976	Steve Jobs and Woz show off the Apple I at the Personal Computing Festival in Atlantic City, with help from Dan Kottke
1978	At Apple, work starts on the Apple III and the Lisa, while Jef Raskin begins The Book of Macintosh
May 1980	Apple launches the Apple III, which will prove a disastrous flop
Jan 1983	Launch of the Lisa computer. The Lisa team later merges with the Mac team under Steve Jobs's leadership
8 Apr 1983	PepsiCo CEO John Sculley becomes Apple's CEO after having been wooed by Steve Jobs for several months
17 Sep 1985	Steve Jobs resigns from Apple and starts NeXT with five other refugees from Apple. Apple announces it will sue NeXT

Born	Steven Paul Jobs February 24, 1955 San Francisco, California, U.S.
Died	October 5, 2011 (aged 56) Palo Alto, California, U.S.
Occupation	Co-founder, Chairman, and CEO of Apple Inc. Primary investor and CEO of Pixar Founder and CEO of NeXT
Parents	Paul Jobs (adoptive father) Clara Jobs (adoptive mother) Abdulfattah Jandali (biological father) Joanne Schieble Simpson (biological mother)
Children	with Brennan: Lisa Brennan (b. 1978) with Powell: Reed Jobs (b. 1991) Erin Jobs (b. 1995) Eve Jobs (b. 1998)
Cause of death	Pancreatic cancer and respiratory arrest

Oct 1999	Introduction of the iMac G4 and of iMovie, the first of Apple's first Digital Hub app
28 Apr 2003	Apple opens the revolutionary online iTunes Music Store in the US, after negotiating landmark deals with all major music labels
15 Jan 2008	At Macworld 2008, Steve Jobs introduces MacBook Air, with the tagline 'the world's thinnest notebook'. Three years later, it will come to redefine all of Apple's notebook product line
24 Aug 2011	Steve Jobs resigns as CEO of Apple, with the words 'I have always said if there ever came a day when I could no longer meet my duties and expectations as Apple's CEO, I would be the first to let you know. Unfortunately, that day has come.' Tim Cook becomes Apple CEO
5 Oct 2011	Steve Jobs dies at home, surrounded by his family

"Have the courage to follow your heart and intuition. They somehow know what you truly want to become."
-STEVE JOBS

Do read more about this impeccable personality here.

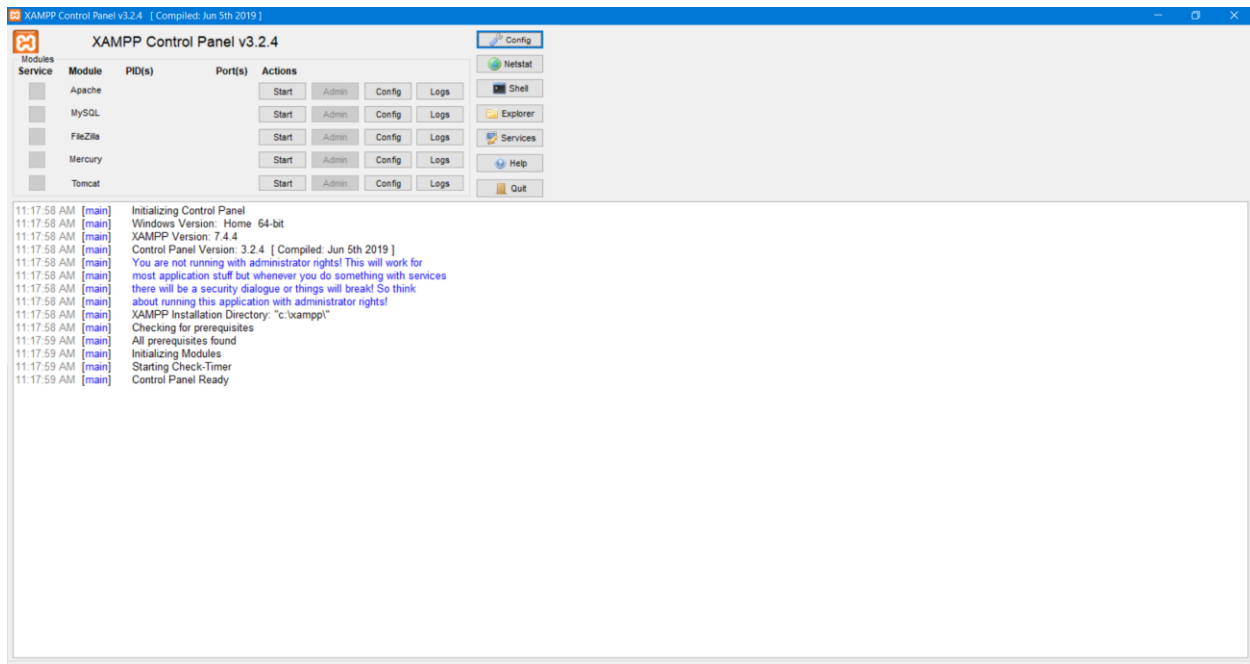
Q4-Setting up and configuration of XAMPP server

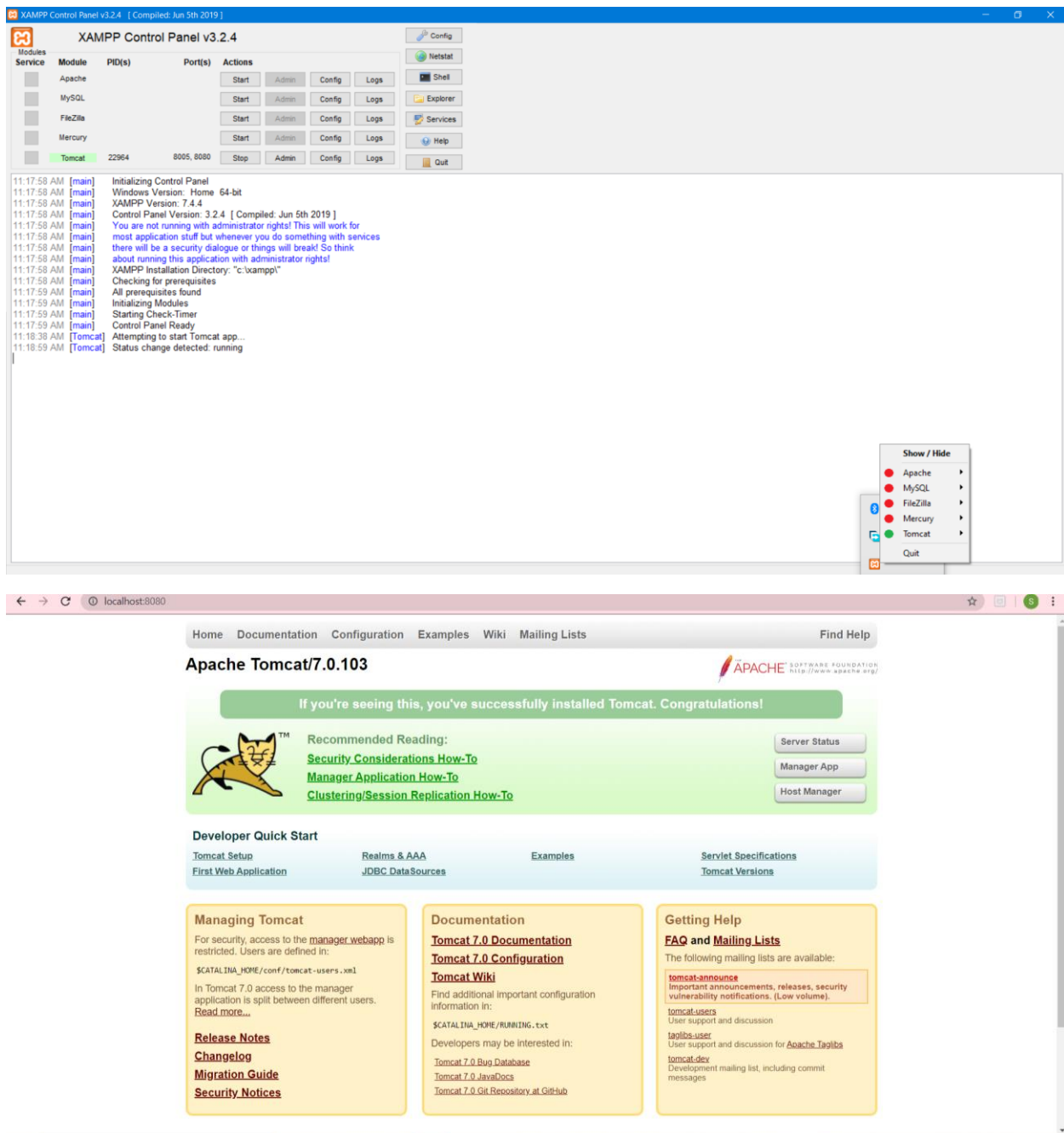
Procedure :-

1. Open XAMPP after installation and click on general tab in the navigation menu.
2. Click on the start option to start the XAMPP server. A green light would appear in the top right side of the application, it means XAMPP has been successfully started in your computer.

3. Go to services tab in the navigation menu and click on start all at bottom.
4. Red light would become green in Apache, MySQL, and ProFTPD, which means all the service have been started successfully
5. Go to network tab in navigation menu and enable localhost servers.
6. You can now mount the volumes from the volumes tab in navigation menu, to see all your files in a file explorer in your pc.

Output:-





Q5- Understanding JavaScript.

Procedure:-

- 1- Use div tag to create 6 boxex ;

- 2- Using math .random function create random rgb color;
- 3- Use getElementById to get tag of html in js file
- 4- Use different expression like equal to create different function to manipulate whether clicked color is matched or not
- 5- Display the result and using buttons create different easy and hard mode
- 6- Apply 2 function two buttons that on click display 6 pr 3 boxes

Code:-

```
<!DOCTYPE html>

<html>

<head>

<title>color game</title>

<link rel="stylesheet" type="text/css" href="colorgame.css">

</head>

<body>

<div id="header"><center><h1 id="h1"> THE GREAT<br> <span
id="span"> RGB</span><br> GUESS GAME <br> <span
id="number"></span></h1></center></div>

<div id="middle"><center><button id="new">NEW
COLORS</button><span id="try">CLICK ????</span><button
id="easy">EASY</button><button id="hard">HARD</button></center></div>

<div id="container">

<div class="square square3"></div>

<div class="square square3"></div>

<div class="square square3"></div>

<div class="square"></div>

<div class="square"></div>

<div class="square"></div>
```

</div>

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

</body>

CSS FILE:-

body{

background-color:#232323;

}

.square{

width: 30%;

padding-bottom: 30% ;

background-color:#232323;

float: left;

margin:1.66%;

}

#container{

max-width: 600px;

margin :0 auto ;

}

#h1{

font-size: 50px;

color: white;

```
}
```

```
#header{
```

```
padding: 5px 0;
```

```
background-color: skyblue;
```

```
}
```

```
#middle{
```

```
background-color: white;
```

```
}
```

```
#new{
```

```
margin-right: 10%;
```

```
}
```

```
#easy{
```

```
margin-left: 10%;
```

```
margin-right: 5%;
```

```
}
```

```
#hard{
```

```
margin-right: auto;
```

```
}
```

```
#try{
```

```
margin-left: 10%;
```

```
margin-right: 10%;
```

```
}  
#number{  
    text-align: left;  
    font-size: 50px;  
}
```

JAVASCRIPT FILE:-

```
var square=document.querySelectorAll(".square");  
var colors= generateRandomColors(6);  
var pickedcolor=colors[Math.floor(Math.random()*square.length)];  
var trytry=document.querySelector("#try");  
var header=document.querySelector("#header");  
var button=document.querySelector("button");  
var easy=document.querySelector("#easy");  
var hard=document.querySelector("#hard");  
var number=document.querySelector("#number");  
var j=5, m=5;  
number.textContent= "chances:" +j;  
easy.addEventListener("click",function ()  
{    j=2;m=2;  
    number.textContent="chances:" +j;
```



```

        colors= generateRandomColors(3);
pickedcolor=colors[Math.floor(Math.random()*square.length)];
rgb.textContent=pickedcolor;
for(var i=0;i<3;i++)
{
        square[i].style.backgroundColor=colors[i];
        for(var i=3;i<6;i++)
{
        square[i].style.display="none";}
        header.style.backgroundColor="skyblue";
trytry.textContent=("CLICK ???");

});
hard.addEventListener("click",function ()
{  m=5;
        j=5;
        number.textContent="chances:" +j;
        for(var i=3;i<6;i++)
{
        square[i].style.display="block";}
colors= generateRandomColors(6);
for(var i=0;i<square.length;i++)

```

```
{  
    square[i].style.backgroundColor=colors[i];  
pickedcolor=colors[Math.floor(Math.random()*square.length)];  
rgb.textContent=pickedcolor;  
header.style.backgroundColor="skyblue";  
trytry.textContent=("CLICK ???");  
});
```

```
    for(var i=0;i<square.length;i++)  
{  
    square[i].style.backgroundColor=colors[i];  
    square[i].addEventListener("click",function(){  
  
    var clickcolor=this.style.backgroundColor;  
    if(clickcolor===pickedcolor)  
        {all();  
  
    header.style.backgroundColor=clickcolor;  
    trytry.textContent=("PLAY AGAIN");
```

```
        number.textContent="WINNER";}
    else
        {this.style.backgroundColor="#232323";
        trytry.textContent=("Try again!! ");
        j--;

        number.textContent="chances:" +j;}
    });
}
```

```
var rgb=document.querySelector("#span");
rgb.textContent=pickedcolor;
function all(){

    for(var i=0;i<square.length;i++)
    {
        square[i].style.backgroundColor=pickedcolor;
    }

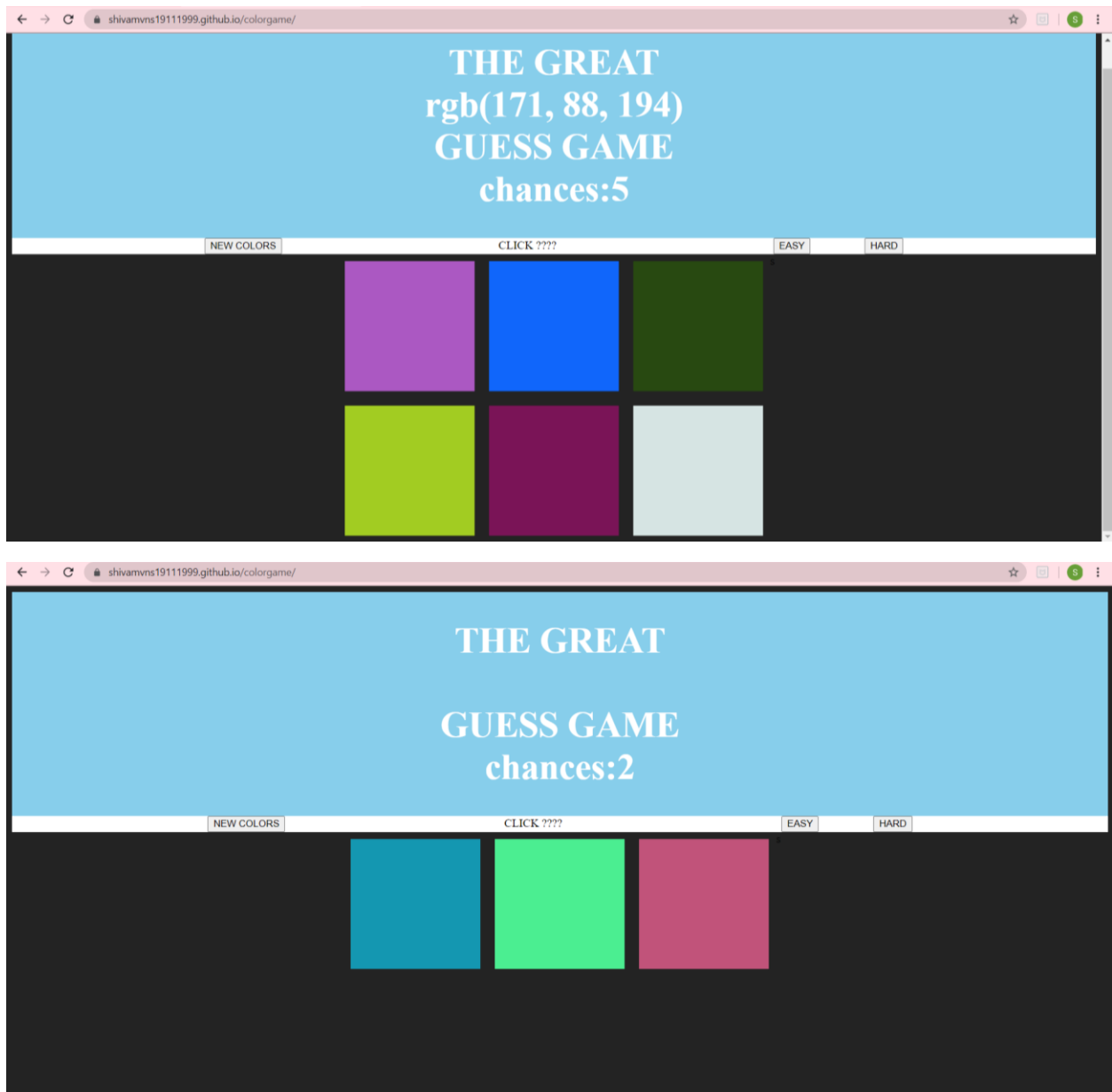
}
```

```
function generateRandomColors(num)
```

```
{  
  
    var color=[];  
    for(var i=0;i<num;i++)  
    {  
        var r=Math.floor(Math.random()*255);  
  
        var g=Math.floor(Math.random()*255);  
  
        var b=Math.floor(Math.random()*255);  
        color[i]="rgb(" + r + ", " + g + ", " + b + ")";  
    }  
    return color;  
}  
  
button.addEventListener("click",function (){  
    j=m;  
    number.textContent="chances:" +j;  
    colors= generateRandomColors(6);  
    for(var i=0;i<square.length;i++)  
    {  
        square[i].style.backgroundColor=colors[i];  
    }  
    pickedcolor=colors[Math.floor(Math.random()*square.length)];
```

```
rgb.textContent=pickedcolor;  
header.style.backgroundColor="skyblue";  
trytry.textContent=("CLICK ???");  
});
```

OUTPUT:-



Q6- Understanding PHP.

Procedure:-

- 1- Php codes are mention oin .php file extension
- 2- Php codes are closed in <?php ?>tag
- 3- Php uses echo function to print data on webpage
- 4- In echo we can use various html tags like h1 ,h2,h3,etc

Code:-

```
<html>
<head>
<?php
echo '<title>My First PHP Script</title>';
?>
</head>
<body>
<?php
    echo '<h1>INDIAN INSTITUE OF INFORMATION
TECHNOLOGY</h1>';
?>
<p>And this content is static HTML</p>
</body>
</html>
```

OUTPUT:-

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

Q7- Create a Web page with back end in PHP and in front end in JavaScript and hosting it on Apache Tomcat Server.

PROCEDURE:-

- 1- Create form with help of html**
- 2- Apply javascript to all inputs for form validation**
- 3- Use different regular expression to validate different form inputs**
- 4- Pop errors if input are not correct**
- 5- Submit the form and mention the php page as form action so that all the information are send to php page**
- 6- Use post as send method which is secure way to send the informations**
- 7- In php file echo to print the inputs via post method**

CODE:-

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>FORM</title>
```

```
</head>
```

```
<style type="text/css">
```

```
    body{
```

```
        background-image: url('1.png');
```

background-repeat: no-repeat;

background-attachment: fixed;

background-size: 50% 80%;}

body{

**background: #2BC0E4; /* fallback for old
browsers */**

**background: -webkit-linear-gradient(to right, #EAECC6, #2BC0E4); /*
Chrome 10-25, Safari 5.1-6 */**

**background: linear-gradient(to right, #EAECC6, #2BC0E4); /* W3C, IE
10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */**

font-family: Roboto;

margin-left:100px;

}

</style>

<body>

**<marquee behavior="alternate"><h1>Form for
general information related to students</h1></marquee>**

**<centre><form name="f1"
action="welcome.php" method="post">**

**<label><h3>Firstname </label><input type="textbox"
name="Firstname" required="please type name"></h3>**

**<label><h3>Lastname </label><input type="textbox"
name="lastname" required="please type name"></h3>**


```
<h3><label>Gender&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~>Male</label><input type="radio" name="gender" value="Male">Female</label><input type="radio" name="gender" value="Female"></h3>
```

```
<h3><label>Branch&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~></label><label>CSE</label><input type="radio" name="Branch" value="CSE">IT</label><input type="radio" name="Branch" value="IT"></h3>
```

State

```
<select name="state" >
```

<option value="0">Select</option>

<option value="Andhra Pradesh">Andhra Pradesh</option>

**<option value="Andaman and Nicobar Islands">Andaman and
Nicobar Islands</option>**

<option value="Arunachal Pradesh">Arunachal Pradesh</option>

<option value="Assam">Assam</option>

```
<option value="Bihar">Bihar</option>
```

<option value="Chandigarh">Chandigarh</option>

<option value="Chhattisgarh">Chhattisgarh</option>

<option value="Dadar and Nagar Haveli">Dadar and Nagar Haveli</option>

<option value="Daman and Diu">Daman and Diu</option>

<option value="Delhi">Delhi</option>

<option value="Lakshadweep">Lakshadweep</option>

<option value="Puducherry">Puducherry</option>

<option value="Goa">Goa</option>

<option value="Gujarat">Gujarat</option>

<option value="Haryana">Haryana</option>

<option value="Himachal Pradesh">Himachal Pradesh</option>

<option value="Jammu and Kashmir">Jammu and Kashmir</option>

<option value="Jharkhand">Jharkhand</option>

<option value="Karnataka">Karnataka</option>

<option value="Kerala">Kerala</option>

<option value="Madhya Pradesh">Madhya Pradesh</option>

<option value="Maharashtra">Maharashtra</option>

<option value="Manipur">Manipur</option>

<option value="Meghalaya">Meghalaya</option>

<option value="Mizoram">Mizoram</option>

<option value="Nagaland">Nagaland</option>

<option value="Odisha">Odisha</option>

<option value="Punjab">Punjab</option>

<option value="Rajasthan">Rajasthan</option>

<option value="Sikkim">Sikkim</option>

<option value="Tamil Nadu">Tamil Nadu</option>

<option value="Telangana">Telangana</option>

<option value="Tripura">Tripura</option>

<option value="Uttar Pradesh">Uttar Pradesh</option>

<option value="Uttarakhand">Uttarakhand</option>

<option value="West Bengal">West Bengal</option>

</select></h3>

<h3><label>Student Contact No.:</label><input type="text" name="number"></h3>

<h3><label>Student E-mail Id:</label><input type="text" name="E-mail"></h3>

<h3><label>Languages Learn :</label><select name="lang"><option value="0">select</option>

<option value="C">C</option>

<option value="C++">C++</option>

<option value="HTM">HTML & CSS</option>

<option value="JAVA">JAVA</option>

<option value="Javascript">Javascript</option>

<option value="PYTHON">PYTHON</option>

<option value="Ruby">Ruby</option>

<option value="NONE">None</option></select></h3>

<h3><label>Area of interest:</label><select name="aoi"><option value="0">select</option>

<option value="Artificial Intelligence">Artificial Intelligence</option>

<option value="Android Development">Android Development</option>

<option value="CYBER">Cyber Security</option>

<option value="GAME">GAME DEVELOPMENT</option>

<option value="Machine learningI">Machine Learning</option>

<option value="Networkings">Networking</option>

<option value="Web Designing">WEB Designing</option>

<option value="Robotics">Robotics</option>

**<option value="NONE">Yet Not Decided
</option></select></h3>**

<h3><label>Sports :</label><select name="sports"><option value="0">select</option>

<option value="Atheletics">Atheletics</option>

<option value="basketball">Basketball</option>

<option value="Badminton">Badminton</option>

<option value="Carrom">Carrom</option>

<option value="Chess">Chess</option>

<option value="cricket">Cricket</option>

```

        <option value="Football">Football</option>
        <option value="volleyball">Volleyball</option>
        <option value="hockey">Hockey</option>
        <option value="table tennis">Table
tennis</option>

        <option value="NONE">Not Interested
</option></select></h3>

        <h3><label><input type="checkbox"
name="agree" required="">I here by declare that all the information
provided above are correct with my best knowledge</label></h3>

        <input type="submit" onclick="validateForm()">
</form></center>

        <script type="text/javascript">

        function validateForm() {

var x = document.forms["f1"]["Firstname"].value;
if (x == "") {
    alert("Name must be correct");
    return false;
}

var regex = /^[a-zA-Z]+$/;
if(regex.test(x)==false){
alert("Enter a valid name ");
return false;
}
}

```

```
}  
x = document.forms["f1"]["lastname"].value;  
if (x == "" ) {  
    alert("Name must be correct");  
    return false;  
}  
if(regex.test(x)==false){  
alert("Enter a valid name ");  
return false;}  
x = document.forms["f1"]["rollno"].value;  
if (x == "" ) {  
    alert(" Enter roll no");  
    return false;  
}  
var reg=/^[0-9]+$/;  
if(regex.test(x)==false){  
alert("Enter a valid roll no ");  
return false;  
}  
if(x.length!=8)  
{  
    alert(" roll no must be of 8 digit");
```

```

        return false;
    }
    x = document.forms["f1"]["number"].value;
    if (x == "" ) {
        alert(" Enter contact number");
        return false;
    }
    var reg=/^[0-9]+$/;
    if(reg.test(x)==false){
alert("Enter a valid number ");
return false;
    }
    if(x.length!=10)
    {
        alert(" roll no must be of 10 digit");
        return false;
    }
    var r= /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;

    x = document.forms["f1"]["E-mail"].value;
    if(r.test(x)==false){
alert("Enter a valid E-mail ");

```

```
return false;
}
x = document.forms["f1"]["state"].value;
if(x===0 || x===''){
alert("Select the state");
return false;
}
x = document.forms["f1"]["Branch"].value;
if(x===0 || x===''){
alert("Select the Branch");
return false;
}
x = document.forms["f1"]["gender"].value;
if(x===0 || x===''){
alert("Select the gender");
return false;
}
x = document.forms["f1"]["aoi"].value;
if(x===0 || x===''){
alert("Select the state");
return false;
}
```



```
x = document.forms["f1"]["sports"].value;
if(x===0 || x===''){
alert("Select the sports");
return false;
}

x = document.forms["f1"]["lang"].value;
if(x===0 || x===''){
alert("Select the state");
return false;
}

}
```

</script>

</body>

</html>

PHP CODE-

<!DOCTYPE html>

<html>

<head>

<title>Your Info</title>

</head>

<style type="text/css">

```
body{  
  
    background: #2BC0E4;  
  
    font-family: Roboto;  
  
}
```

```
</style>
```

```
<body>
```

```
<?php
```

```
echo("<h1> Hello ".$_POST["Firstname"]."</h1><br>");
```

```
echo("<h1>Your information is successfully submitted</h1><br>");
```

```
echo("<h1>Have a look");
```

```
echo("<h1>Name=".$_POST["Firstname"]."  
".$_POST["lastname"]."</h1><br>");
```

```
echo("<h1>Roll no=".$_POST["rollno"]."</h1><br>");
```

```
echo("<h1>Branch=".$_POST["Branch"]."</h1><br>");
```

```
echo("<h1>Gender=".$_POST["gender"]."</h1><br>");
```

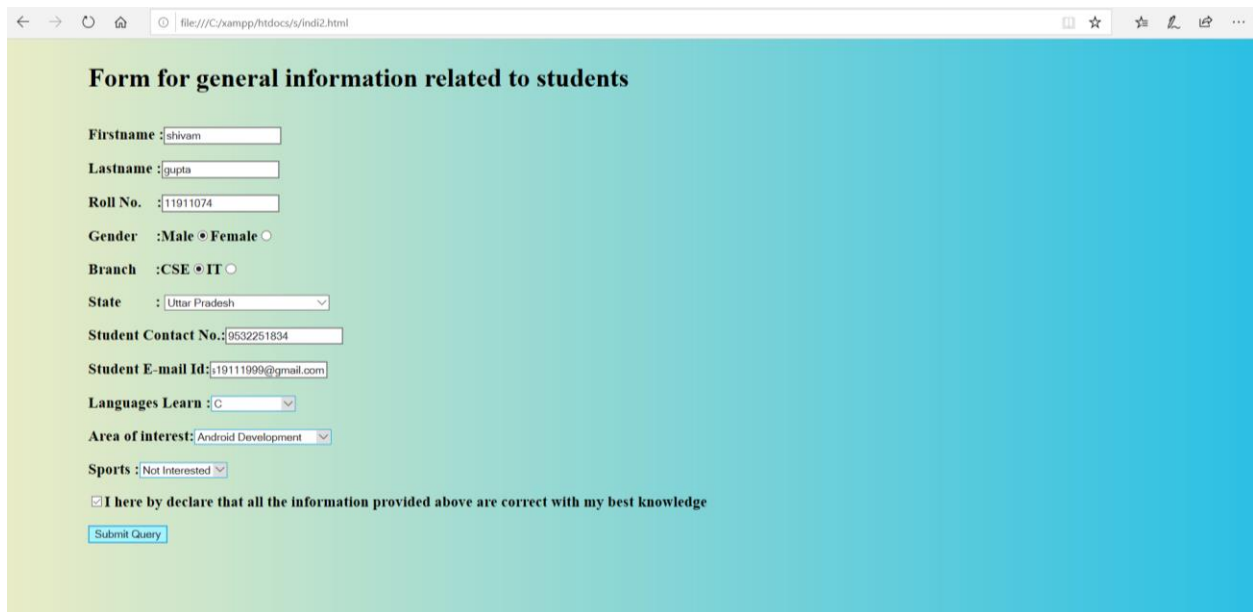
```
echo("<h1>state=".$_POST["state"]."</h1><br>");
```

```
echo("<h1>Contact No=".$_POST["number"]."</h1><br>");
```

```
echo("<h1>E-mail Id=".$_POST["E-mail"]."</h1><br>");
```

```
        echo("<h1>Language  
learn=".$_POST["lang"]."</h1><br>");
```

```
        echo("<h1>Area of  
interest=". $_POST["aoi"]. "</h1><br>");  
  
        echo("<h1>Sports=". $_POST["sports"]. "</h1><br  
>");  
  
?></body>  
</html>
```



Form for general information related to students

Firstname : shivam

Lastname : gupta

Roll No. : 11911074

Gender : Male ☒ Female ☐

Branch : CSE ☒ IT ☐

State : Uttar Pradesh

Student Contact No. : 9532251834

Student E-mail Id : 119111999@gmail.com

Languages Learn : C

Area of Interest : Android Development

Sports : Not Interested

☒ I here by declare that all the information provided above are correct with my best knowledge

