

AP LAB FILE

**- Akash Anand
11912051
IT**

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Problem 1

Creating HTML Web Page Forms

Procedure

1. Create the basic HTML structure, which contains one main division or container.
2. Divide this into two further divisions, viz. Top and bottom.
3. In top write basic info about yourself.
4. Between top and bottom divisions we write heading of our web page/form.
5. Divide the bottom section further into bottom left and bottom right.
6. In bottom left section we create a form using the **Form** tag and **input** elements.
7. To make our page more nice looking we write some **Dummy Text** in bottom right side.

Code

```
<!Doctype html>
<html>
<head>
<title>Java Script</title>
<link rel="stylesheet" type="text/css" href="style.css">
<script>
function validate()
{
if (document.forms["form"]["name"].value=="")
{
alert("Name must be filled out");
return false;
}
else if(document.forms["form"]["email"].value=="")
{
alert("Email Id must be filled out");
return false;
}
else if(document.forms["form"]["cardno"].value.length!=19)
{
alert("Invalid card number");
return false;
}
else if(document.forms["form"]["cvv"].value.length!=3)
{
alert("Invalid CVV");
return false;
}
else if(document.forms["form"]["pincode"].value.length!=6)
{
alert("invalid pincode");
return false;
}
else if(document.forms["form"]["address"].value=="")
{
alert("Address must be filled out");
return false;
}
else
return true;
}
</script>
</head>
<body>
<div>
<div class="top">
<div class="name">Name: Akash Anand</div>
<div class="name">Branch: IT</div>
<div class="name">Roll No.: 11912051</div>
</div>
```

```
<br>
<CENTER><h1>EVERYTHING @ 99 STORE</h1></CENTER>
<CENTER><p><strong>As a measure against the novel coronavirus, we are currently only
delivering
prepaid items under "essential products".<br>Please co-operate!</strong>
```

```
</p></CENTER><BR>
<div id="bottom"></div>
<div class="bottomleft">
<h2>Enter Details:</h2>
<form class="form" name="form" onsubmit="return validate()">
<p>Enter your name:</p>
<input type="text" name="name">
<p>Enter your Email ID:</p>
<input type="text" name="email">
<p>Select the item you want to buy</p>
<select id="items" name="items">
<option value="select">select</option>
<option value="Flour">Flour</option>
<option value="Rice">Rice</option>
<option value="Sugar">Sugar</option>
<option value="Salt">Salt</option>
</select>
<p>Enter card type:</p>
<select id="card" name="card">
<option value="select">select</option>
<option value="debit">Debit</option>
<option value="credit">Credit</option>
</select>
<p>Enter card number:</p>
<input type="password" name="cardno">
<p>Enter cvv:</p>
<input type="password" name="cvv">
<p>Enter pincode:</p>
<input type="number" name="pincode">
<p>Enter Address:</p>
<input type="text" name="address">
<input type="submit" value="submit">
</form>
</div>
<div id="bottomright">
<center><h2>100% Original products!<br>Get them at your doorstep</h2>
<p>
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed et tempor dolor, nec bibendum nibh. Praesent fermentum nisi ut augue laoreet facilisis. Nunc tellus mi, auctor at felis vitae, interdum tristique neque. Donec vestibulum tellus sit amet sagittis porta. Nulla pulvinar odio mi, dapibus venenatis lacus imperdiet at. In elementum eleifend ante ut lobortis. Cras eget nibh eget urna sollicitudin consectetur eu in nibh. Maecenas mollis ligula libero, non sollicitudin turpis malesuada quis. Maecenas ultricies dui fringilla nunc ullamcorper consectetur. Fusce pharetra ipsum ut vehicula congue. In quis arcu egestas, consectetur purus nec, consectetur erat. Integer finibus nisi in leo blandit, eget lacinia nisl vulputate. Aliquam tempor sapien ac commodo accumsan. Donec ut ipsum nec nunc placerat malesuada. Nam et tincidunt erat.

Aliquam ut nunc volutpat, tincidunt lorem nec, finibus quam. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Nullam pulvinar ligula et urna viverra faucibus. Sed sed est ultrices, ornare lacus lobortis, elementum ante. Quisque tristique arcu auctor lectus aliquet porttitor. Aliquam imperdiet cursus orci eu dapibus. Vestibulum enim purus, lacinia eget dapibus dictum, rhoncus in neque. Curabitur tincidunt faucibus finibus. Integer tempor massa

metus, sit amet malesuada dolor suscipit et. Fusce vel vestibulum lacus. Curabitur eget massa nibh. Quisque pellentesque at enim ut tristique. In non mauris odio.

</p>

<p>

Sed eget mi aliquam, malesuada erat non, elementum est. Donec vel iaculis turpis. Morbi maximus ultricies vulputate. Suspendisse commodo justo at ligula sagittis maximus. Aenean volutpat porttitor congue. Donec vel dapibus leo. Nulla ultricies mattis vulputate. Maecenas auctor lacinia vulputate. Nulla luctus massa eu nunc ultrices, vitae iaculis felis volutpat. Etiam dui odio, efficitur id dapibus eget, malesuada sed nibh. Nulla rhoncus tincidunt condimentum.

Proin maximus elit at diam fringilla venenatis. Donec consectetur vehicula ipsum nec hendrerit. Aliquam eget risus sit amet arcu sollicitudin gravida. Quisque feugiat nisi at tortor finibus, et condimentum nulla vulputate. Cras lacinia mollis sagittis. Vestibulum sit amet ante vulputate, elementum nisi id, sodales urna. Quisque eu mi nisl. Etiam accumsan, nunc a sodales ullamcorper, felis nunc pulvinar eros, non condimentum neque lectus ut tortor. Suspendisse porttitor id elit eu tincidunt. Quisque interdum congue magna, sed rutrum diam dignissim nec. Donec libero enim, eleifend ut vestibulum sit amet, dictum ut ipsum. Aliquam ut vulputate neque, eget convallis lectus.

Aliquam mauris ipsum, placerat vel sem in, semper venenatis ipsum. Suspendisse pretium malesuada magna, et imperdiet dui egestas et. Praesent egestas malesuada rhoncus. Quisque molestie nulla sit amet lobortis dapibus. Phasellus pulvinar venenatis pharetra. In at ipsum nec felis ultricies tempus congue non erat. Morbi mauris orci, venenatis vitae dictum non, aliquam quis metus. Cras varius consectetur dolor, et feugiat urna elementum ut. Praesent ornare, lectus sed posuere imperdiet, erat dui semper diam, nec ullamcorper ligula justo mollis velit. Vivamus in blandit quam, at euismod eros. Cras auctor nec velit eu sagittis. Cras lorem arcu, blandit ut blandit vitae, ullamcorper vel leo.

</p>

<p>

Nam pharetra ultrices dapibus. Pellentesque id enim rhoncus, lacinia nunc et, malesuada mi. Donec ut pharetra lacus. Nam et porta libero. Cras maximus gravida euismod. Quisque luctus, enim efficitur commodo dictum, dui justo posuere eros, non consectetur dui augue at nibh. Sed sodales ante purus, eu sollicitudin erat convallis eu. Ut in elit in risus tempus hendrerit. Donec venenatis quis felis eget pulvinar. Quisque id lorem tempor, pharetra leo id, elementum lorem. Aenean sed arcu non odio pellentesque suscipit. Nunc aliquet arcu tellus, et sagittis libero imperdiet eget. Vestibulum in ultricies augue, a maximus tortor.

</p></center>

</div>

</div>

</div>

</body>

</html>

Output

Name: Akash Anand

Branch: IT

Roll No.: 11912051

EVERYTHING @ 99 STORE

As a measure against the novel coronavirus, we are currently only delivering prepaid items under "essential products".
Please co-operate!

Enter Details:

Enter your name:

Enter your Email ID:

Select the item you want to buy

Enter card type:

Enter card number:

Enter cvv:

Enter pincode:

Enter Address:

submit

100% Original products! Get them at your doorstep

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed et tempor dolor, nec bibendum nibh. Praesent fermentum nisi ut augue laoreet facilisis. Nunc tellus mi, auctor at felis vitae, interdum tristique neque. Donec vestibulum tellus sit amet sagittis porta. Nulla pulvinar odio mi, dapibus venenatis lacus imperdiet at. In elementum eleifend ante ut lobortis. Cras eget nibh eget urna sollicitudin consectetur eu in nibh. Maecenas mollis ligula libero, non sollicitudin turpis malesuada quis. Maecenas ultricies dui fringilla nunc ullamcorper consectetur. Fusce pharetra ipsum ut vehicula congue. In quis arcu egestas, consectetur purus nec, consectetur erat. Integer finibus nisi in leo blandit, eget lacinia nisl vulputate. Aliquam tempor sapien ac commodo accumsan. Donec ut ipsum nec nunc placerat malesuada. Nam et tincidunt erat. Aliquam ut nunc volutpat, tincidunt lorem nec, finibus quam. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Nullam pulvinar ligula et urna viverra faucibus. Sed sed est ultrices, ornare lacus lobortis, elementum ante. Quisque tristique arcu auctor lectus aliquet porttitor. Aliquam imperdiet cursus orci eu dapibus. Vestibulum enim purus, lacinia eget dapibus dictum, rhoncus in neque. Curabitur tincidunt faucibus finibus. Integer tempor massa metus, sit amet malesuada dolor suscipit et. Fusce vel vestibulum lacus. Curabitur eget massa nibh. Quisque pellentesque at enim ut tristique. In non mauris odio.

Sed eget mi aliquam, malesuada erat non, elementum est. Donec vel iaculis turpis. Morbi maximus ultricies vulputate. Suspendisse commodo justo at ligula sagittis maximus. Aenean volutpat porttitor congue. Donec vel dapibus leo. Nulla ultricies mattis vulputate. Maecenas auctor lacinia vulputate. Nulla luctus massa eu nunc ultrices, vitae iaculis felis volutpat. Etiam dui odio, efficitur id dapibus eget, malesuada sed nibh. Nulla rhoncus tincidunt condimentum. Proin maximus elit at diam fringilla venenatis. Donec consectetur vehicula ipsum nec hendrerit. Aliquam eget risus sit amet arcu sollicitudin gravida. Quisque feugiat nisi at tortor finibus, et condimentum nulla vulputate. Cras lacinia mollis sagittis. Vestibulum sit amet ante vulputate, elementum nisi id, sodales urna. Quisque eu mi nisl. Etiam accumsan, nunc a sodales ullamcorper, felis nunc pulvinar eros, non condimentum neque lectus ut tortor. Suspendisse porttitor id elit eu tincidunt. Quisque interdum congue magna, sed rutrum diam dignissim nec. Donec libero enim, eleifend ut vestibulum sit amet, dictum ut ipsum. Aliquam ut vulputate neque, eget convallis lectus. Aliquam mauris ipsum, placerat vel sem in, semper venenatis ipsum. Suspendisse pretium malesuada magna, et imperdiet dui egestas et. Praesent egestas malesuada rhoncus. Quisque molestie nulla sit amet lobortis dapibus. Phasellus pulvinar venenatis pharetra. In at ipsum nec felis ultricies tempus congue non erat. Morbi mauris orci, venenatis vitae dictum non, aliquam quis metus. Cras varius consectetur dolor, et feugiat urna elementum ut. Praesent ornare, lectus sed posuere imperdiet, erat dui semper diam, nec ullamcorper ligula justo mollis velit. Vivamus in blandit quam, at euismod eros. Cras auctor nec velit eu sagittis. Cras lorem arcu, blandit ut blandit vitae, ullamcorper vel leo.

Nam pharetra ultrices dapibus. Pellentesque id enim rhoncus, lacinia nunc et, malesuada mi. Donec ut pharetra lacus. Nam et porta libero. Cras maximus gravida euismod. Quisque luctus, enim efficitur commodo dictum, dui justo posuere eros, non consectetur dui augue at nibh. Sed sodales ante purus, eu sollicitudin erat convallis eu. Ut in elit in risus tempus hendrerit. Donec venenatis quis felis eget pulvinar. Quisque id lorem tempor, pharetra leo id, elementum lorem. Aenean sed arcu non odio pellentesque suscipit. Nunc aliquet arcu tellus, et sagittis libero imperdiet eget. Vestibulum in ultricies augue, a maximus tortor.

Access this form page at
<https://akashiiit-coder.github.io>

Problem 2

Creating Home Page using HTML

Procedure

1. Create the basic HTML structure, which contains four rows.
2. Each row is a frame formed by **frame** tag using **frameset** element.
3. In first frame put the heading of the web page.
4. Use the second frame as navigation bar and put navigation buttons for the web page.
5. Next in the body frame put the main elements of the web page.
6. At the bottom create a footer frame that contains information about the organisation maintaining the web page.
7. Add appropriate **CSS** to each frame.

Code

Main HTML file

```
<html>
  <head>
    <title>
      IIIT Sonepat
    </title>
  </head>
  <frameset rows='20%,5%,65%,10%' border='0' scrolling="no">
    <frame src='frames/main_head.html'></frame>
    <frame src='frames/nav_buttons.html'></frame>
    <frame src='frames/body_container.html'></frame>
    <frame src='frames/footer.html'></frame>
  </frameset>
</html>
```

Header HTML file

```
<html>
  <head>
    <link href="../style/style1.css" rel="stylesheet" type="text/css">
  </head>
  <body>
    <div id='main'>
      <center> <h1 id='main2'> IIIT SONEPAT </h1> </center>
    </div>
  </body>
</html>
```

Navigation Buttons file

```
<html>
  <head>
    <link href="../style/style2.css" rel="stylesheet" type="text/css">
  </head>
  <body>
    <div id="b">
      <button class="a">
        Home
      </button>
      <button class="a">
        About us
      </button>
      <button class="a">
        Examinations
      </button>
      <button class="a">
        carrers
      </button>
      <button class="a">
        Facilities
      </button>
    </div>
  </body>
</html>
```

```

        </button>
        <button class="a">
            Tenders
        </button>
        <button class="a">
            Student's page
        </button>
    </div>
</body>
</html>

```

Body container HTML file<html>

```

<frameset cols='20%,*,20%' border='0' scrolling="no">
    <frame src='subframes/frame1.html' ></frame>
    <frame src='subframes/frame2.html' ></frame>
    <frame src='subframes/frame3.html'></frame>
</frameset>>
</html>

```

Footer HTML file

```

<html>
<head>
    <link href="../style/style3.css" rel="stylesheet" type="text/css">
</head>
<body>
    <hr>
    <P>Contact us at sonepatiiit@gmail.com</P>
    <div id="q"></div>
</body>
</html>

```

Sub Frames

1. Frame 1

```

<html>
<head>
    <style>
        #form{
            font-size:25px;
        }

        .title{
            font-size:30px;
        }
    </style>

</head>
<body>
    <h2 class="title">
        Student Registration
    </h2>
    <form id ="form">
        Name      :
        <input type="text" name="Name">
        <br>

```

```

    <br>
    Roll no   :
    <input type="text" name="Roll no">
    <br>
    <br>
    Gender    :
    <input type="radio" name="gender" value="male">
    Male
    <input type="radio" name="gender" value="female">
    Female
    <input type="radio" name="gender" value="Prefer not to say">
    Prefer not to say
    <br>
    <br>
    Branch
    <input type="radio" name="branch" value="IT">IT
    <input type="radio" name="branch" value="CSE">CSE
    <br>
</form>
<button>
    Submit
</button>
<br><br><br>
<a href="std.html" >Student detail</a>
</body>
</html>

```

2. Frame 2

```

<html>
  <head>
    <style>
      img{
        margin-left: 300px;
        margin-top: 25px;
        height: 400px;
        width: auto;
      }
    </style>
  </head>
  <body>
    
  </body>
</html>

```

3. Frame 3

```

<html>
  <head>
<style>
  .title{
    font-size: 30PX;
  }
</style>
</head>
<body>

  <p class="title">Welcome to IIIT SONEPAT</p>

```

<p class="text">Indian Institute of Information Technology, Sonapat (IIIT, Sonapat) is one of the Indian Institutes of Information Technology located at Sonapat, Haryana. The academic session of IIIT Sonapat started from its mentor Institute National Institute of Technology, Kurukshetra from year 2014. IIIT Sonapat is a joint venture of the Ministry of Human Resource Development, Government of India, the Govt. of Haryana, with Industries in Public-Private Partnership model and has been declared as the Institute of national importance.</p>

</body>

</html>

Output

IIIT SONEPAT

Home

About us

Examinations

carrers

Facilities

Tenders

Student's page

Student Registration


Name :

Roll no :

Gender : ☐ Male ☐ Female
☐ Prefer not to say

Branch ☐ IT ☐ CSE

[Student detail](#)



Welcome to IIIT SONEPAT

Indian Institute of Information Technology, Sonapat (IIIT, Sonapat) is one of the Indian Institutes of Information Technology located at Sonapat, Haryana. The academic session of IIIT Sonapat started from its mentor Institute National Institute of Technology, Kurukshetra from year 2014. IIIT Sonapat is a joint venture of the Ministry of Human Resource Development, Government of India, the Govt. of Haryana, with Industries in Public-Private Partnership model and has been declared as the Institute of national importance.

Contact us at sonapatiit@gmail.com

Access this form page at

<https://akash2023.github.io>

Problem 3

Creating XHTML and CSS and understanding it's use in creating web pages

Procedure

1. Create the basic HTML structure, which modification in doc type.
2. Create body tag and write contents.
3. Create a list tag with google and facebook as websites.
4. Add appropriate CSS with background and heading colour.

Code

```
<?xml version="1.0"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transition.dtd">
<html>
<head>
```

```
<title>
Web sites
</title>
<style>
body {
margin-left: 10%;
margin-top: 1em;
margin-right: 10%;
background: #fff9;
}
h1 {
font-family: Arial, sans-serif;
color: #600;
border-bottom: thin dotted black;
}
li {
margin-top: 1em;
font-size: 1.25em;
}
ul {
list-style-type: none;
}
a {
text-decoration: none;
}
a:link, a:visited {
color: blue;
}
a:hover {
color: white;
text-decoration: underline;
background: blue;
}
img {
border: thin solid black;
}

</style>
</head>
<body>
<h1>
Web sites
</h1>
<ul>
<li>
<a href="http://www.google.com.edu/">
Google
</a>
</li>
<li>
<a href="http://www.facebook.com/">
Facebook
</a>
</li>
</ul>
</body>
</html>
```

Output

Web sites

[Google](#)

[Facebook](#)

Problem 4

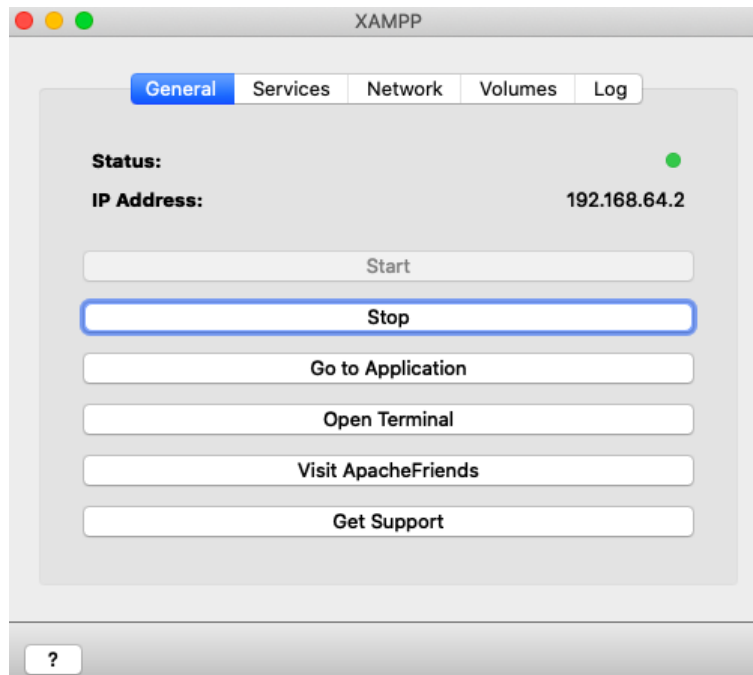
Setting up and configuration of XAMPP server

Procedure

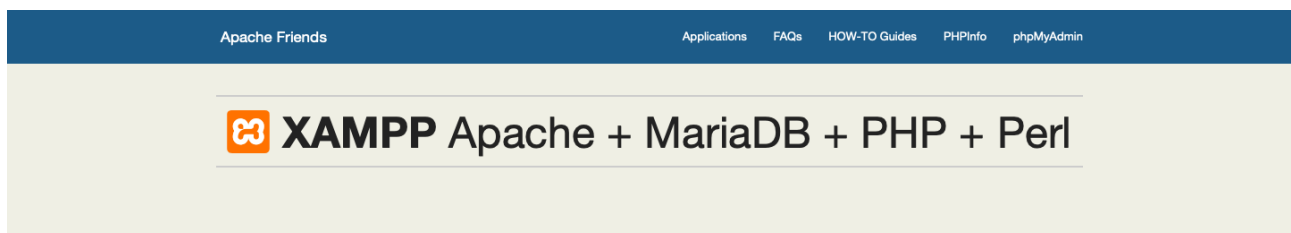
1. Open XAMPP after installation and click on general tab in the navigation menu.
2. Click on the start option to start the XAMPP server. A green light would appear in the top right side of the application, it means XAMPP has been successfully started in your computer.
3. Go to services tab in the navigation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

XAMPP Application



Local Host



Welcome to XAMPP for 7.4.4-0

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the [FAQs](#) section or check the [HOW-TO Guides](#) for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others. If you want have your XAMPP accessible from the internet, make sure you understand the implications and you checked the [FAQs](#) to learn how to protect your site. Alternatively you can use [WAMP](#), [MAMP](#) or [LAMP](#) which are similar packages which are more suitable for production.

Start the XAMPP Control Panel to check the server status.

Community

XAMPP has been around for more than 10 years – there is a huge community behind it. You can get involved by joining our [Forums](#), adding yourself to the [Mailing List](#), and liking us on [Facebook](#), following our exploits on [Twitter](#), or adding us to your [Google+](#) circles.

Contribute to XAMPP translation at translate.apachefriends.org.

Can you help translate XAMPP for other community members? We need your help to translate XAMPP into different languages. We have set up a site, translate.apachefriends.org, where users can contribute translations.

Problem 5

Understanding PHP

Procedure

1. Create the basic HTML structure with title prime check.
2. In PHP tag take a variable **\$num** to check for prime.
3. Apply the necessary if-else condition for checking for prime.
4. Print the result using **echo**.

Code

```
<html>
<head>
<title>Prime check</title>
</head>
<body>
<?php
$num=8;
if ($num==1)
echo "Neither prime nor composite<br>";
else
{
```

```
$t=0;
for ( $i=2 ; $i<$num ; $i++ ){
if ($num%$i==0)
$t++;
}
if ($t==0)
echo "Prime Number<br>";
else
echo "Not Prime<br>";
}
?>
</body>
</html>
```

Output

Not Prime

Problem 6

Creating registration form using PHP

Procedure

1. Create the basic HTML structure with title CodeBook.
2. Create the main container. Put a form tag inside it.
3. Write different input elements, and add proper validation using **HTML** tables.
4. Add adequate **PHP** for server side scripting and validation.
5. **Echo** appropriate message on successful registration.

Code

```
<html>
<head>
<title>CodeBook</title>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
body{
background-image: url("image.jpg");
background-repeat: no-repeat;
```

```
background-size: cover;
}
#head{
color: white;
opacity: 0.8;
font-size: 7vw;
text-align: center;
margin-bottom: 0px;
padding-bottom: 0px;
}
#subhead{
margin-top: 0px;
padding-top: 0px;
padding-top: 3%;
padding-bottom: 4%;
float: up;
color: white;
opacity: 0.5;
font-size: 2vw;
text-align: center;
}
.container{
position: fixed;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
}
input{
background: white;
opacity :0.6;
}
span{
color: greenyellow;
opacity:0.8;
}
label{
color:white;
}
.col1 ,.col2{
width: 47%;

float: left;
}
.col1{
padding-right: 6%;
}
.row{
padding-bottom: 2%;
}
input[type=text], input [type=checkbox] ,input[type=password]
{
width: 100%;
font-size:20px;
padding: 14px;
border: 1px solid green;
border-radius: 4px;
box-sizing: border-box;
```

```

resize: vertical;
cursor: text;
}
.row:after
{
content: "";
display: table;
clear: both;
}
input[type=submit] {
opacity: 1;
background-color: green;
color: white;
padding: 12px 20px;
border: none;
border-radius: 4px;
cursor:pointer;
width: 100%;
}
#error{
color: white;
}
@media screen and (max-width: 600px)
{
.col-25, .col-75, input[type=submit] {
width: 100%;
margin-top: 0;
}
}
</style>
<?php
$error = $fname= $lname=$email="";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $fname=$_POST["fname"];
    $lname=$_POST["lname"];
    $email=$_POST["email"];
    if ($_POST["password"]==$_POST["confirm-password"]){
        $error=$_POST["fname"].", you have been succesfully registered with email address ".
        $_POST["email"].".";
        // $error = $fname= $lname=$email="";
    }
    else {
        $error="Password and Confirm Password should be same.";
    }
}
?>
</head>
<body>
<div class="container">
<form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
<div id="head">Register</div>
<div id="subhead">Create your account. It's free and only takes a minute.</div>
<div class="row">
<div class="col1">
<input type="text" id="fname" name="fname" placeholder="First Name" autofocus required
pattern="[a-zA-Z]+" value="<?php echo $fname;?>" >

```

```

</div>
<div class="col2">
<input type="text" id="lname" name="lname" placeholder="Last Name" pattern="[a-zA-Z]+"
required value= "<?php echo $lname;?>" >
</div>
</div>
<div class="row">
<input type="text" id="email" name="email" placeholder="Email" required pattern="[a-z0-9._%+-]
+@[a-z0-9.-]+\.[a-z]{2,}$" value= "<?php echo $email;?>" >
</div>
<div class="row">
<input type="password" id="password" name="password" placeholder="Password" required>
</div>
<div class="row">
<input type="password" id="confirm-password" name="confirm-password" placeholder="Confirm
Password" required >
</div>
<div class="row">
<input type="checkbox" id="terms" name="terms" value= "yes" required>
<label for="accept">I accept the <span>Terms of Use</span> & <span>Privacy Policy</span>. </
label>
</div>
<div class="row">
<input type="submit" value="Submit">
</div>
</form>
<div id=error><?php echo $error ; ?></div>
</div>
</body>
</html>

```

Output

Register

Create your account. It's free and only takes a minute.

First Name Last Name

Email

Password

Confirm Password

☐ I accept the [Terms of Use](#) & [Privacy Policy](#).

Problem 7

Understanding JavaScript

Procedure

1. Create the basic HTML structure with script tag in head of the page.
2. Create two functions, viz. over and out, for mouse over and mouse out respectively.
3. Create a heading and further create a division, write some contents inside this division.
4. In the **div** tag write events mouseover and mouseout and equal them to the corresponding functions.

Code

```
<html>
<head>
<script>
function over()
{
document.write("Over");
}
function out()
```



```
{
document.write("Out");
}
</script>
</head>
<body>
<p>Bring your mouse in this division</p>
<div onmouseover="over()" onmouseout="out()">
<h2>This is inside the division</h2>
</div>
</body>
</html>
```

Output

Before mouse over

Bring your mouse in this division

This is inside the division

On mouse over

Over

Problem 8

Creating a Web page with back end in PHP and front end in JavaScript

Procedure

1. Create the basic HTML structure with title Art Gallery.
2. In the body section create a form element. All our page content would be inside this tag.
3. Create a division named header and write the heading of the web page.
4. Next create a division named search box and create an input element in which user can search for any element in the gallery. Add adequate JS code in the head section of the file.
5. Next write Art gallery elements in a table and apply proper CSS styling in the head section of the file.

Code

```
<!DOCTYPE html>
<html>
<head lang="en">
<meta charset="utf-8">
<title>Art GALLERY</title>
<link rel="shortcut icon" href="/images/favicon1.ico">
<style>
h1, h2, h3, nav, footer {
font-family: Georgia, Cambria, "Times New Roman", serif;
}
body {
font-family: Verdana, Arial, sans-serif;
font-size: 80%;
background-color: rgb(251,249,210);
}

#searchBox, #settingsBox, #main-table {
margin: 0.25em auto;
background-color: rgb(128,23,14);
padding: 1.5em;
border: 5pt solid rgb(251,249,210);
width: 80%;
}

#searchBox { margin-top: 3em; }
#settingsBox { margin-top: 1em; }
#main-table {
/* display: absolute; */
margin-top: 0.5em;
background-color: rgb(218, 200, 166);
border: 2pt solid rgb(128,23,14);
}

table {
border: collapse;
border-spacing: 0;
}

table tbody td{
border-top: 3pt solid rgb(120, 72, 47);
line-height: 1.5em;
vertical-align: middle;
padding: 0.5em 0.75em;
}
table thead th {
text-align: center;
padding: 0.25em 0.75em;
}
table thead {
background-color: rgb(212, 160, 63);
```

```
}
```

```
table tbody td:first-child {  
text-align: center;  
padding: 0.5em 0em;  
}
```

```
caption {  
  
background-color: rgb(128,23,14);  
color: rgb(253,253, 160);  
padding: 0.5em 0.5em;  
font-weight: bold;  
font-size: 1.5em;  
}
```

```
#only-table{  
margin: 0.25em;  
}
```

```
.bigImg{  
position: absolute;  
border: solid 10px black;  
margin: 10px;  
background-color: #FFFFFF;  
padding: 10px;  
}
```

```
.artThumb{  
  
height: 150px;  
width: 150px;  
}
```

```
#myDetails{  
margin: 10px;  
margin-top: 10px;  
padding: 1.5em;  
font-family: Arial, Helvetica, sans-serif;  
font-size: 1.03em;  
background-color: rgb(128,23,14);  
color: rgb(256,256,256);  
width: 80%;  
margin: 0.3em auto;  
}
```

```
#header{  
/* background-color: rgb(128,23,14); */  
background-image: linear-gradient(to right bottom, maroon, black);  
height: 3em;  
width: 90%;  
margin: auto;  
padding: 1.5em;  
/* font-size: 30px; */  
color: #FFFFFF;  
font-size: 2.5em;
```

```

font-family: Arial, Helvetica, sans-serif;
text-shadow: 2px 1px rgb(251,249,210);
}
#logo{
height: 100px;
border-radius: 1.2em;
}
#project{
float: right;
}
#edit{
height: 20px;
width: 20px;
}

</style>
<script>
function myFunction() {
var input, filter, table, tr, td, i, txtValue;
input = document.getElementById("myInput");
filter = input.value.toUpperCase();
table = document.getElementById("only-table");
tr = table.getElementsByTagName("tr");
for (i = 0; i < tr.length; i++) {
td = tr[i].getElementsByTagName("td")[3];
if (td) {
txtValue = td.textContent || td.innerHTML;
if (txtValue.toUpperCase().indexOf(filter) > -1) {
tr[i].style.display = "";
} else {
tr[i].style.display = "none";
}
}
}
}
function sortTable() {
var table, rows, switching, i, x, y, shouldSwitch;
table = document.getElementById("myTable");
switching = true;
while (switching) {
switching = false;
rows = table.rows;
for (i = 1; i < (rows.length - 1); i++) {
shouldSwitch = false;
x = rows[i].getElementsByTagName("TD")[2];
y = rows[i + 1].getElementsByTagName("TD")[2];
if (x.innerHTML.toLowerCase() > y.innerHTML.toLowerCase()) {
shouldSwitch = true;
break;
}
}
if (shouldSwitch) {
rows[i].parentNode.insertBefore(rows[i + 1], rows[i]);
switching = true;
}
}
}

```

```

</script>
</head>
<body>
<form name="artist" method="get" action="" onsubmit="return validateForm()">

<div id="header" >

<p id="project">Art Gallery<br></p><br>
</div>

<div id="searchBox">
Enter Artist Name:
<input id="myInput" onkeyup="myFunction()" type="search" name="search" placeholder="Search Artists" />
</div>
<div id="settingsBox">
<style>
#mmq{
color: rgb(253,253, 160);

}
</style>
</div>
<div id="main-table">
<table id="only-table">
<caption>Paintings</caption>
<thead>
<tr class="header">
<th colspan="2"></th>
<th></th>
<th></th>
<th scope="col">Title</th>
<th scope="col">Artist</th>
<th scope="col">Year</th>
<th scope="col">Genre</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><input type="checkbox" name="index[]" value="10" /></td>
<td></td>
<td><em>Self Portrait</em></td>
<td>Amrita Shergil </td>
<td>1931</td>
<td>Portrait</td>
</tr>
<tr>
<td><input type="checkbox" name="index[]" value="20"/></td>
<td></td>
<td><em>Bharat Mata</em></td>
<td>Abindranath Tagore </td>
<td>1905</td>
<td>Desh Bhakti </td>
</tr>
<tr>
<td><input type="checkbox" name="index[]" value="30"/></td>

```

<input name="index[]" type="checkbox" value="40"/>  Shakuntala	Raja Ravi Verma	1900's	Mahabharat
<input name="index[]" type="checkbox" value="40"/>  Bapuji	Nandlal Bose	1930	Realism
<input name="index[]" type="checkbox" value="50"/>  Mahishasura	Tyeb Mehta	2005	Neo-Classicism
<input name="index[]" type="checkbox" value="50"/>  Self-Portrait	Rabindranath Tagore	1924	Neo-Classicism
<input name="index[]" type="checkbox" value="50"/>  Three Pujarins	Jamini Roy	----	Neo-Classicism
<input name="index[]" type="checkbox" value="50"/>  Horses	M F Husain	2008	Neo-Classicism
<input name="index[]" type="checkbox" value="50"/>  Krishna(Spring in Kullu)	Nicholas Roerich	1979	Neo-Classicism
<input name="index[]" type="checkbox" value="50"/>  Bindu			

```

<td><em>Bindu</em></td>
<td>S H Raza </td>
<td>1946</td>
<td>Neo-Classicism</td>
</tr>
</tbody>
</table>
</div>
</div>
</form>
<script type="text/javascript" src="javaScript.js"></script>
</body>

</html>

```

Output


Art Gallery

Enter Artist Name: Search Artists

Paintings					
	Title	Artist	Year	Genre	
<input type="checkbox"/>		Self Portrait	Amrita Shergil	1931	Portrait
<input type="checkbox"/>		Bharat Mata	Abindranath Tagore	1905	Desh Bhakti
<input type="checkbox"/>					