

# Practical File

## Application Programming



Submitted to:

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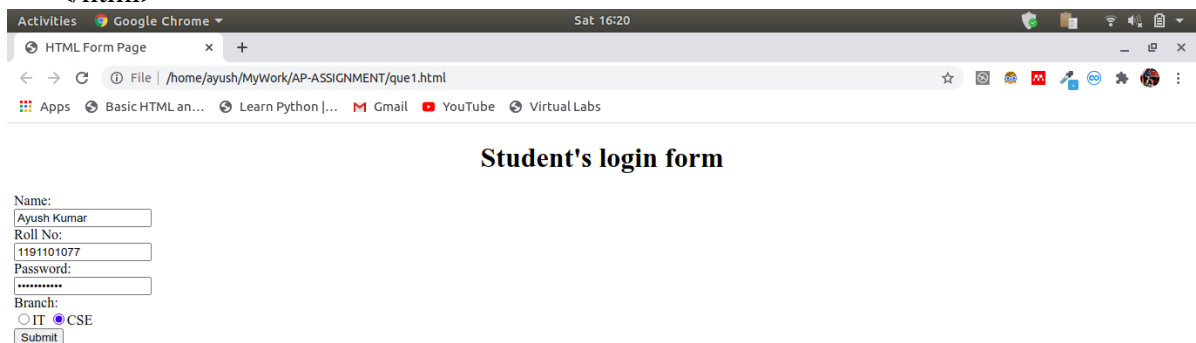
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## Q1) Creating an HTML web page.

### Solution:

```
<!DOCTYPE html>
<html>
<head>
  <title>
    HTML Form Page
  </title>
</head>
<body>
  <h1 style="text-align: center;">Student's login form</h1>
  <form>
    <label for="name">Name:</label><br>
    <input type="text" for="name" required><br>
    <label for="roll">Roll No:</label><br>
    <input type="number" for="roll" required><br>
    <label for="pass">Password:</label><br>
    <input type="password" for="pass" required><br>
    <label for="br">Branch:</label><br>
    <input type="radio" id="br" name="branch" value="it">IT
    <input type="radio" id="br" name="branch" value="cse">CSE<br>
    <button type="submit">Submit</button>
  </form>
</body>
</html>
```



The screenshot shows a Google Chrome browser window with the title 'HTML Form Page'. The address bar shows the file path: /home/ayush/MyWork/AP-ASSIGNMENT/que1.html. The page content displays the rendered HTML form:

**Student's login form**

Name:

Roll No:

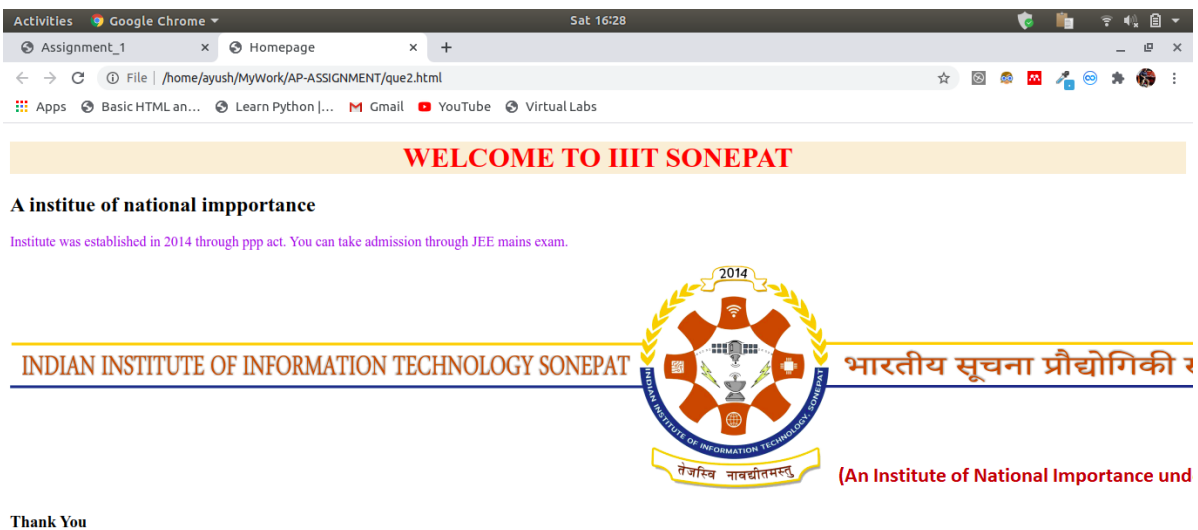
Password:

Branch:  
☐ IT ☒ CSE

## Q2) Creating Homepage using HTML.

### Solution:

```
<!DOCTYPE html>
<html>
<head>
  <title>Homepage</title>
  <style>
    h1 {
      color: red;
      background-color: antiquewhite;
      text-align: center;
    }
    p {color: blueviolet;}
  </style>
</head>
<body>
  <h1>WELCOME TO IIIT SONEPAT</h1>
  <h2>A institute of national importance</h2>
  <p>Institute was established in 2014 through ppp act. You can take admission through
JEE mains exam.</p>
  
  <h3>Thank You</h3>
</body>
</html>
```

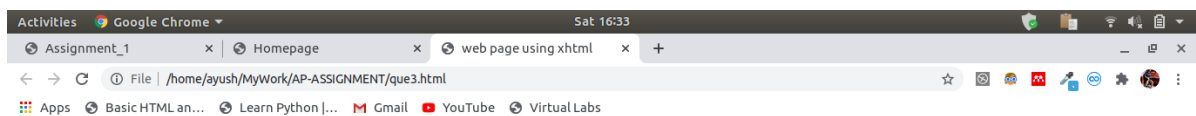


Thank You

### Q3.) Creating XHTML and CSS and understanding its uses in creating web pages.

**Solution:**

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html>
<head>
  <title>web page using xhtml</title>
  <style>
    h1 {
      color: firebrick;
    }
    h2 {
      color: burlywood
    }
  </style>
</head>
<body>
  <h1>Welcome</h1>
  <h2>It's a Web page using xhtml and css</h2>
  <p>We can use only lowercase letters as elements in xhtml</p>
</body>
</html>
```



**Welcome**

**It's a Web page using xhtml and css**

We can use only lowercase letters as elements in xhtml

#### Q4.) Setup and configure apache xampp server.

##### Solution:

After installing XAMPP and gaining access for writing in var\www\html folder  
Replace the existing index.html with the required files (in my case I copied my going on cloning project of BBC news)

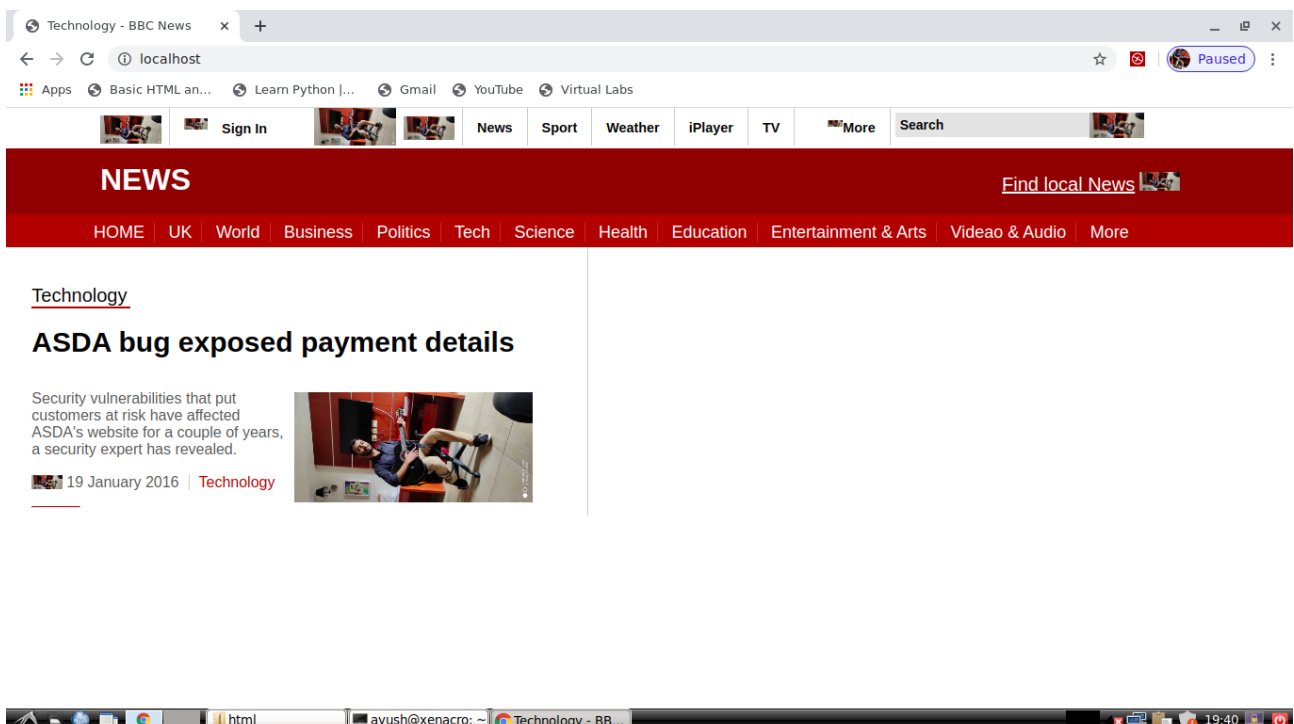
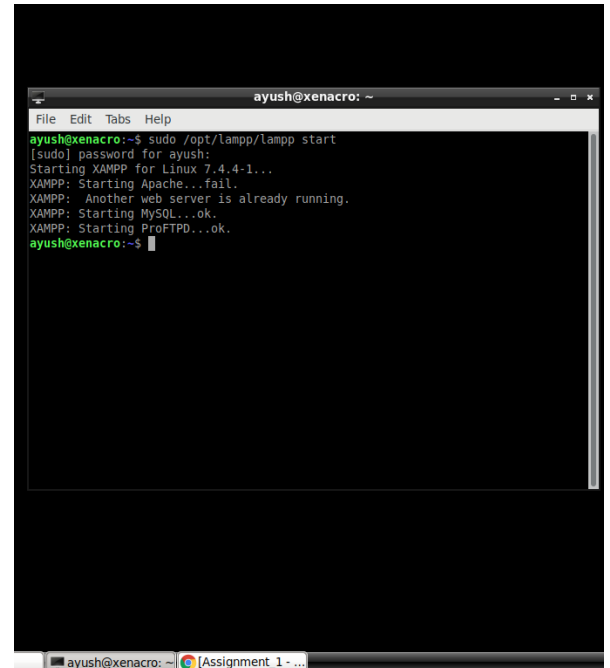
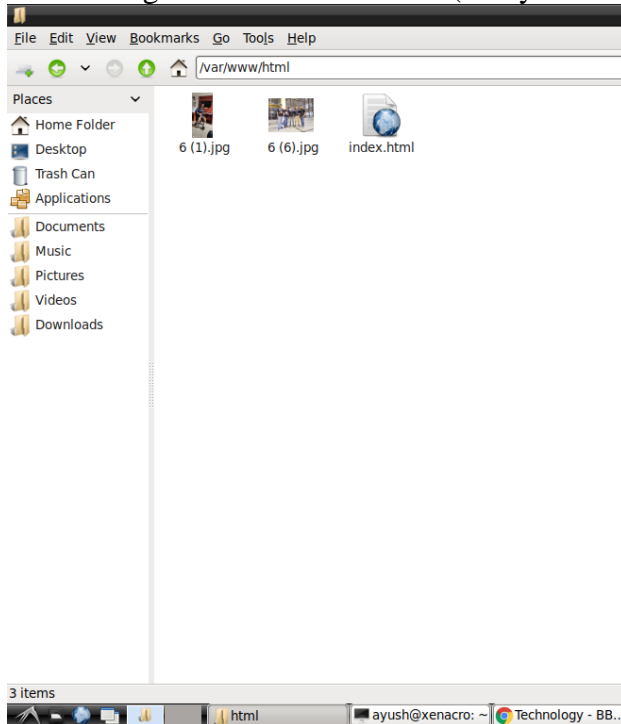
Rename the html file as index.html

(The installation process wasn't snapped as i did it using Linux Terminal)

Then start the server from terminal using `sudo /opt/lampp/lampp start`

Thus will start the server at localhost.

Now go to Your fav Browser (in my case Chrome) and browse localhost



### Q5.) Creating Image gallery using HTML and Bootstrap.

#### Solution:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Gallary_8</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
  <link rel="stylesheet" href="8gallary.css">
</head>
<body>

<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="#"><span class="glyphicon glyphicon-picture"></span>
The Image Gallary</a>
    </div>
    <div class="collapse navbar-collapse" id="myNavbar">
      <ul class="nav navbar-nav">
        <li class="active"><a href="#">Home</a></li>
        <li class="botton"><a class="botton" data-toggle="button" href="#">About</a>
</li>
        <li><a href="#">Contact us</a></li>
      </ul>
      <ul class="nav navbar-nav navbar-right">
        <li><a href="#"><span class="glyphicon glyphicon-user"></span> Sign Up</a></li>
        <li><a href="#"><span class="glyphicon glyphicon-log-in"></span> Login</a></li>
      </ul>
    </div>
  </div>
</nav>
<div class="container">
  <div class="jumbotron">
    <h1><span class="glyphicon glyphicon-camera"></span> The Image Gallary</h1>
    <p>A bunch of Images</p>
  </div>
  <div class="row">
```

```

<div class="col-lg-4 col-xl-4 col-md-4 col-sm-4">

</div>
<div class="col-lg-4 col-xl-4 col-md-4 col-sm-4">

</div>
<div class="col-lg-4 col-xl-4 col-md-4 col-sm-4">

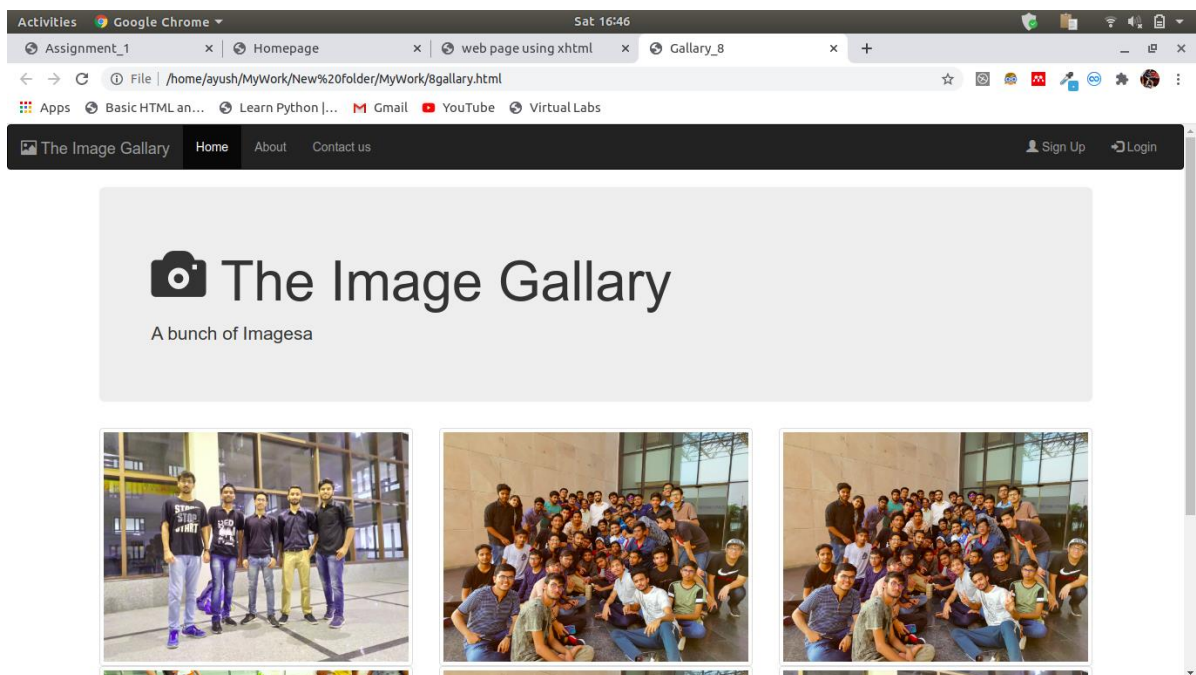
</div>
<div class="col-lg-4 col-xl-4 col-md-4 col-sm-4">

</div>
<div class="col-lg-4 col-xl-4 col-md-4 col-sm-4">

</div>
<div class="col-lg-4 col-xl-4 col-md-4 col-sm-4">

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

```

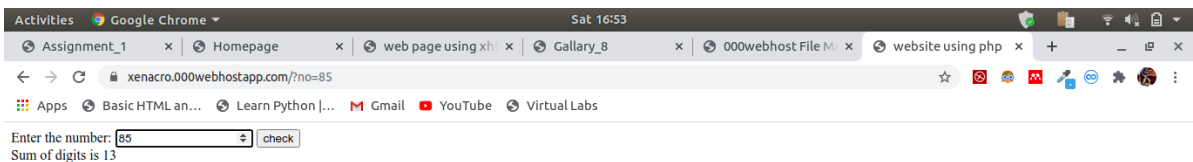




## Q6.) Creating Website using PHP.

**Solution:**

```
<!DOCTYPE html>
<html>
<head>
<title>
website using php
</title></head>
<body>
<form method="get">
Enter the number:
<input type="number" name="no">
<input type="submit" value="check">
</form>
<?php
$num=$_GET["no"];
$sum=0; $rem=0;
for ($i =0; $i<=strlen($num);$i++)
{
$rem=$num%10;
$sum = $sum + $rem;
$num=$num/10;
}
echo "Sum of digits is $sum";
?>
</body>
</html>
```



**Q7.)**

**Understanding JavaScript. Solution:**

Powered by 000webhost

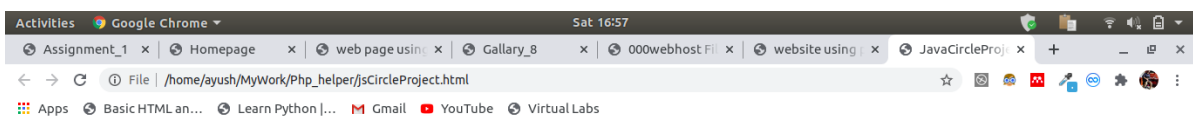
<ht

```
ml>
<head>
```

```

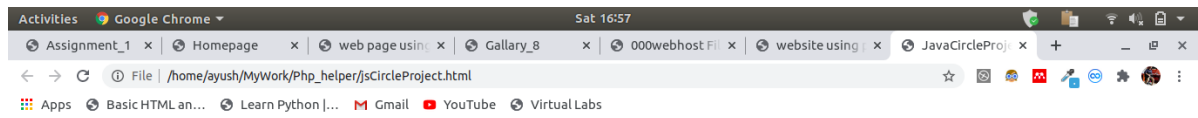
<title>JavascriptCircleProject</title>
<style type="text/css">
    .circle {
        width: 200px;
        height: 200px;
        border-radius: 50%;
        float: left;
        margin: 50px;
    }
    #red-circle {
        background-color: red;
    }
    #blue-circle {
        background-color: blue;
    }
    #yellow-circle {
        background-color: yellow;
    }
</style>
</head>
<body>
    <div class="circle" id="red-circle"></div>
    <div class="circle" id="blue-circle"></div>
    <div class="circle" id="yellow-circle"></div>
    <script type="text/javascript">
        document.getElementById("red-circle").onclick = function() {
            document.getElementById("red-circle").style.display = "none";
        }
        document.getElementById("blue-circle").onclick = function() {
            document.getElementById("blue-circle").style.display = "none";
        }
        document.getElementById("yellow-circle").onclick = function() {
            document.getElementById("yellow -circle").style.display = "none";
        }
    </script>
</body>
</html>

```

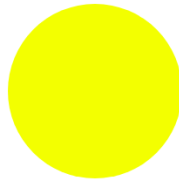
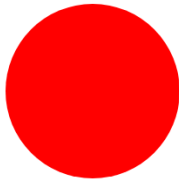


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circle.



**Q8.) Creating webpage with Backend in PHP, frontend in Javascript and hosting it on apache xampp server.**

**Solution:**

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<form action="ques8.php" method="post" name="myform" onsubmit="return
validation()">
Name:<br><input type="text" name="name" id="na">
<br>
Roll No:<br><input type="number" name="roll" id="ro" min=0 ><br>
Branch:<br><input type="radio" name="branch" value="IT" >IT
<input type="radio" name="branch" value="CSE">CSE
<br>
<input type="submit" value="submit">
</form>
<script>
function validation()
{
var a=document.getElementById('na');
if(a.value.trim()=="")
{
alert("please Enter your name");
return false;
}
else{
return true;}
}
</script>
</body>
</html>
```

**PHP code:**

```
<html>
<head></head>
<body>
<?php
$name=$_POST['name'];
$roll=$_POST['roll'];
$branch=$_POST['branch'];
echo("<h2>Resistered Data</h2>");
echo("<b>student's name</b>". $name);
echo("<br><b>Roll no.</b>". $roll);
echo("<br><b>branch:</b>". $branch);
?>
</body>
</html>
```

Activities Google Chrome Sat 17:09

Assignment x Homepage x web page u x Gallery\_8 x 000webhos x website usi x JavaCircleF x localhost/q x + - x

localhost

localhost/ques8.php

Apps Basic HTML an... Learn Python j... Gmail YouTube Virtual Labs

Name:  
Ayush Kumar

Roll No:  
11911077

Branch:  
☐ IT ☒ CSE

submit

### Registered Data

**Student's name** Ayus Kumar  
**Roll no.** 11911077  
**Branch:** CSE