



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, SONEPAT

APPLICATION PROGRAMMING PROJECT FILE

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Branch - IT

Program-1

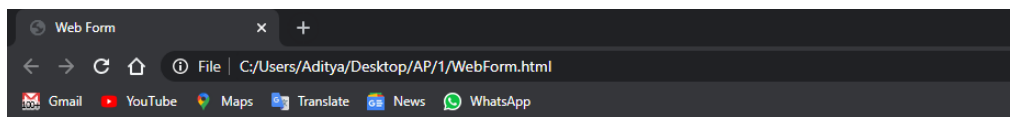
Creating an html web page form

```
<html lang ="en" dir="ltr">
<head>
  <meta charset="utf-8">
  <title> Web Form</title>
  <style media="screen">
    .form1 {
      Border-sizing: border-box;
      Border : 1px solid black; }
    .Form {
      padding-left : 33%;
      padding-right :40%; }
    .Head {
      padding-left : 40%; }
  </style> </head>
<body>
  <div class="Head">
    <h1>WEB FORM</h1>
  </div>
  <div class="Form">
    <form class="form1" action="index.html" method="post" >
      <table style="width:100%;">
        <tr> <td>Name:</td>
          <td><input type="text" placeholder="Enter your name here">
          </td></tr>
        <tr> <td>Roll No.:</td>
          <td><input type="number" placeholder="Enter your Roll No. here">
          </td> </tr>
        <tr>
          <td>Branch:</td>
          <td colspan="2" style="text-align:center;padding-right:20%"><input type="radio">
            <label for="IT">IT</label>
          </td>
          <td><input type="radio">
```

```

<label for="CSE">CSE</label></td>
</tr>
<tr>
<td>Ph. No.:</td>
<td><input type="text" placeholder="Enter your Ph. No. here">
</td>
</tr>
<tr>
<td>Email:</td>
<td>
<input type="text" placeholder="Enter your E-mail address here">
</td>
</tr>
<tr>
<td>Father's Name:</td>
<td><input type="text" placeholder="Enter your Father's name here">
</td>
</tr>
<tr>
<td></td>
<td><button type="submit" name="button">Submit</button></td>
</tr>
</table>
</form>
</div>
</body>
</html>

```



WEB FORM

Name:	<input type="text" value="Enter your name here"/>
Roll No.:	<input type="text" value="Enter your Roll No. here"/>
Branch:	<input type="radio"/> IT <input type="radio"/> CSE
Ph. No.:	<input type="text" value="Enter your Ph. No. here"/>
Email:	<input type="text" value="Enter your E-mail address here"/>
Father's Name:	<input type="text" value="Enter your Father's name here"/>
	<input type="button" value="Submit"/>

Program-2

Creating homepage using HTML

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
  <title>Form validation</title>
  <link rel="stylesheet" href="formvalidation.css">
  <script>function titlefun(){
    var ti=document.getElementById("title");
    if(ti.value.trim()==""||ti.value.length>20){
      ti.style.backgroundColor="red";
      ti.style.border="solid 2px black";
      document.getElementById("al").style.visibility="visible";}
    else {
      ti.style.backgroundColor="green";
      ti.style.border="solid 2px white";
      document.getElementById("al").style.visibility="hidden";
    }
  }
  function desfun()
  {
    var ldes=document.getElementById("ap");
    var des=document.getElementById("description");
    if(des.value.length<50)
      ldes.style.visibility="visible";}
  function undesfun()
  {
    var ldes=document.getElementById("ap");
    var des=document.getElementById("description");
    if(des.value.length>50)
      ldes.style.visibility="hidden";}
  function validateThisFrom(thisForm)
  {
    var ti=document.getElementById("title");
```

```

if(ti.value.trim()==""||ti.value.length>20)
{
    alert("please enter your title in proper manner");
    return false;}
var des=document.getElementById("description");
if(des.value.trim()==""||des.value.length<50)
{
    alert("please enter description for photo");
    return false;}
var rad=document.getElementsByName("a");
var count=0;
for(var i=0;i<rad.length;i++){
    if(rad[i].checked){
        count++;}}
if(count==0)
{
    alert("must check a copyright");
    return false;}
if(thisForm.continent1.value == 0)
{
    alert("please select a continent");
    return false; }
var ccn=document.getElementsByName("ccn");
var c=0;
for(var i=0;i<ccn.length;i++){
    if(ccn[i].checked) {
        c++;}
}
if(c==0)
{
    alert("check creative commons");
    return false; }
if(thisForm.country1.value == 0) {
    alert("select your country");
    return false; }

```

```

var city=document.getElementById("city");
if(city.value.trim()=="")
{
    alert("enter a valid city");
    return false; }
var y=0;
if(thisForm.check1.checked) {
    y++;}
if(y==0) {
    alert("accept your software licence");
    return false;
}}
</script>
<style media="screen">
#al{
    color:red;
    visibility:hidden;
}
#ap
{
    color:green;
    font-style:italic;
    visibility: hidden;
}
#div1
{ padding:2%;
    width:30%;
border:1px solid skyblue;
float:right;
}
#div2
{
    padding:2%;
    width:30%;
border:1px solid skyblue;

```

```
float:right;
}
.div1
{
background-color:darkred;
}
#ltitle
{
color:white;
}
#ldescription
{
color:white;
}
#title{
width:99%;
background-color:darkred;
color:white;
}
#description
{
width:80%;
background-color:darkred;
color:white;
}
#para{
color:white;
}
legend{
background-color:lightskyblue;
width:75%;
margin:auto;
text-align:center;
}
form{
```

```

width:40%;
margin:auto;
}
#div3
{
padding:2%;
width:30%;
float:right;
border:1px solid skyblue;
}
#div4
{
background-color:lightskyblue;
text-align:center;
}
#submit
{
background-color:darkred;
color:white;
}
#reset
{
background-color:darkred;
color:white;
}

</style>
</head>
<body>
  <form name="myform" onsubmit="return validateThisFrom(this)">
    <fieldset>
      <legend>Photo Details</legend>
      <div class="div1"><label id="title" for="title">Title:</label>
      <br>
      <input type="text" name="title" id="title" onblur="titlefun()">

```


<label id="a">Enter your title in less than 20 letters</label>

</div>

<div class="div1"><label for="description" id="description">Description:</label>

<textarea name="description" id="description" rows="3" cols="40" minlength="50" maxlength="150" onfocus="desfun()" onblur="undesfun()"></textarea>

<label id="ap">Enter discription in minimum 50 words</label></div>

<div id="div1">

<label for="copyright">Copyright?</label>

<input type="radio" name="a">All rightd reserved

<input type="radio" name="a">Creative Commons

</div>

<label for="continent">Continent:</label>

<select name="continent1">

</select>

<div id="div2">

<label for="ccn">Creative Commons Type</label>

<input type="checkbox" name="ccn">Attribution

<input type="checkbox" name="ccn">Noncommercial

<input type="checkbox" name="ccn">No derivative works

<input type="checkbox" name="ccn">Share Alike

</div>

<label for="country">Country:</label>

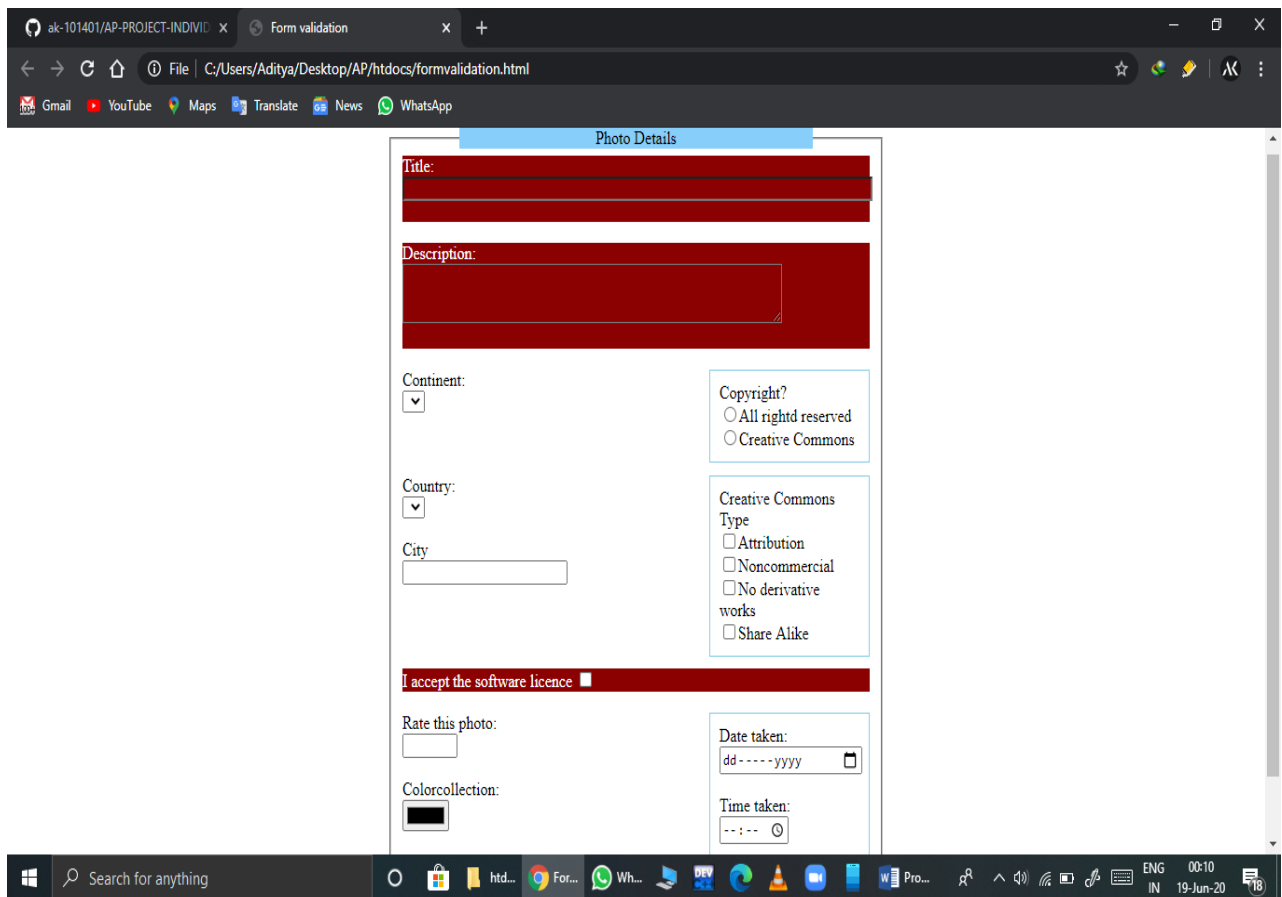
<select name="country1">

</select>

<label for="city">City</label>


```
<input type="text" id="city">
<br><br><br><br><br>
<div class="div1">
<label for="para" id="para">I accept the software licence</label>
<input type="checkbox" name="check1">
</div><br>
<div id="div3">
  <label for="datetaken">Date taken:</label><br>
  <input type="date" name="datetaken" id="datetaken"><br><br>
  <label for="timetaken">Time taken:</label><br>
  <input type="time" name="timetaken" id="timetaken">
</div>

<label for="rating">Rate this photo:</label><br>
<input type="number" id="rating" min=1 max=5>
<br><br>
<label for="colorcollection">Colorcollection:</label><br>
<input type="color" name="colorcollection" id="colorcollection">
<br><br><br><div id="div4">
  <input type="submit" id="submit" name="submit" value="submit query">
  <input type="reset" id="reset" name="clear" value="clear form">
</div>
  </fieldset>
  </form>
</body>
</html>
```



Program-3

Creating XHTML and CSS and understanding it by creating web pages.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN">

<html>

<head>

  <title>web page using XHTML</title>

  <style media="screen">

    h1{

      color: skyblue;}

    h2{

      color: #00ff00}

  </style>

</head>

<body>

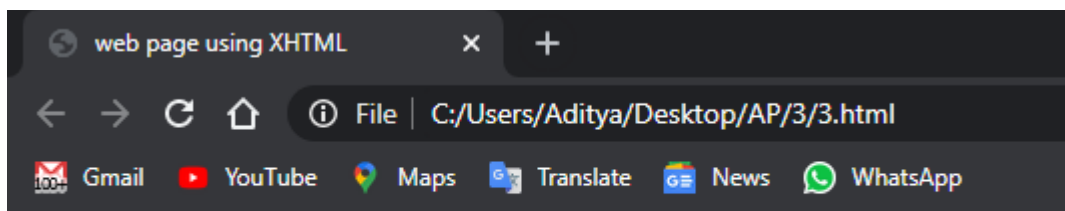
  <h1>Welcome</h1>

  <h2>XHTML</h2>

  <p>CSS/css</p>

</body>

</html>
```



Welcome

XHTML

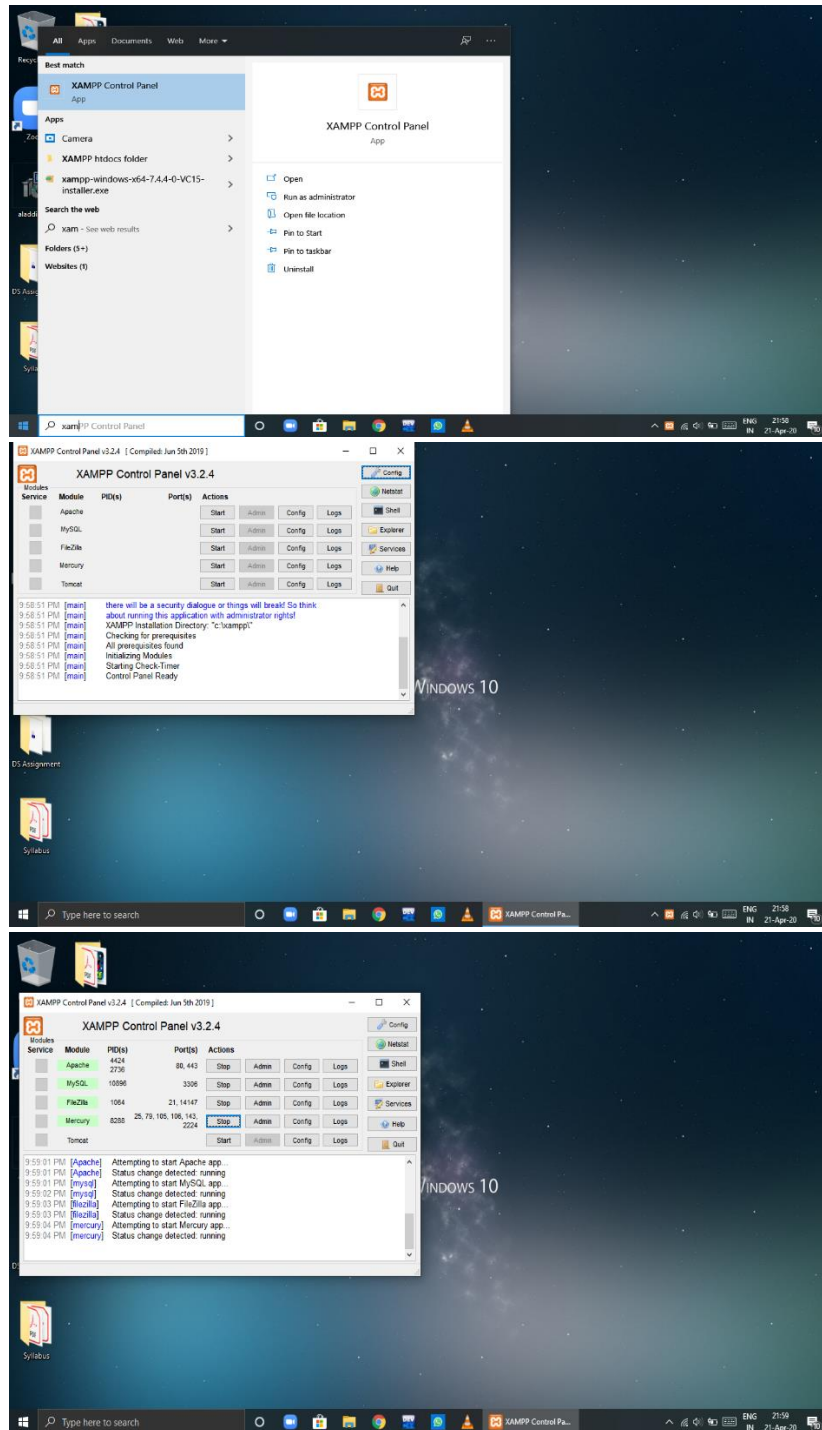
CSS/css

Experiment-4

Setting up and configure of apache XAMPP server.

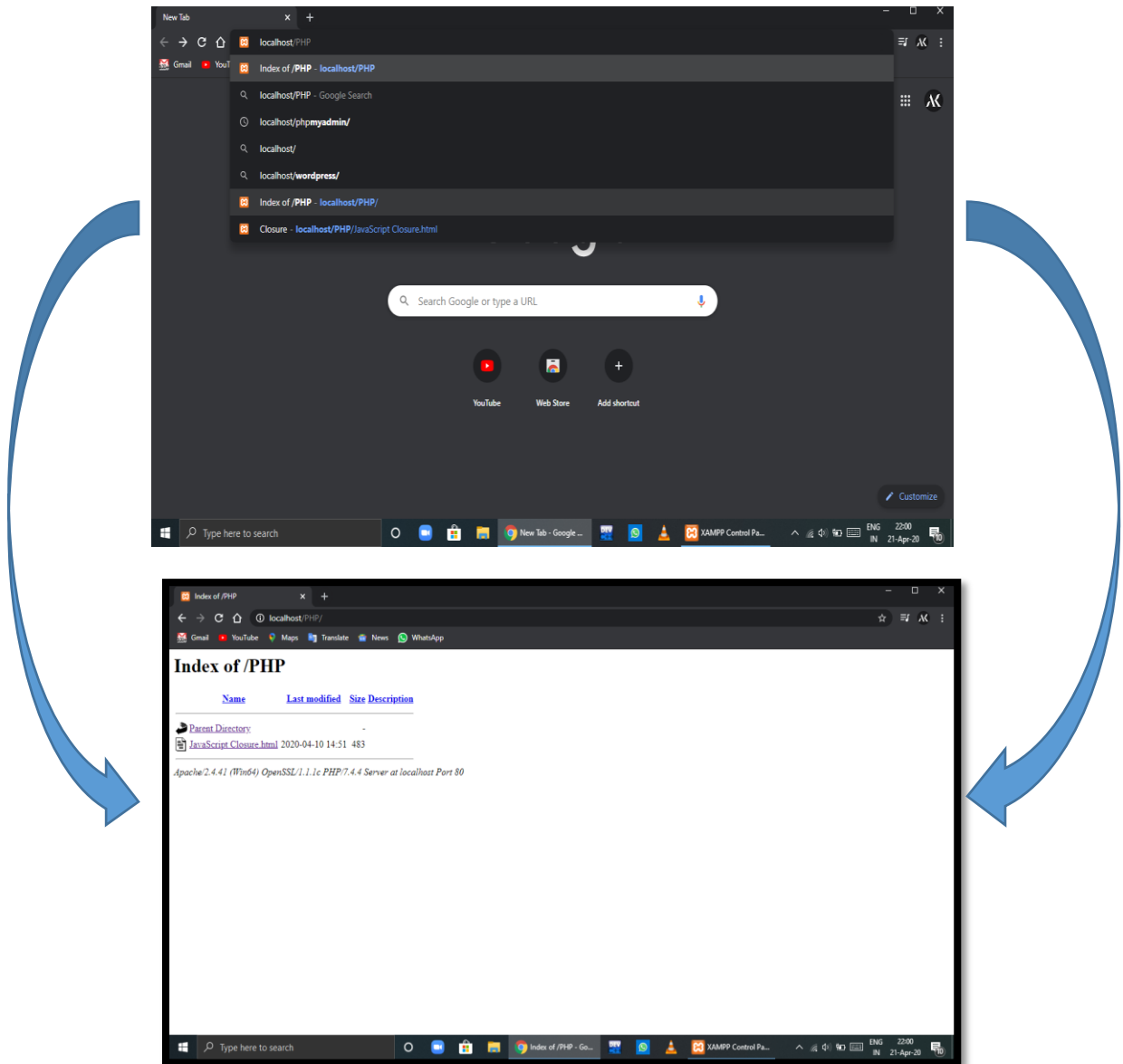
Steps to setup up a web server.....

STEP 1- Open XAMPP Control Panel



Step 3- Open your Browser to open the local host

- Type localhost/(directory_name)/
- Press Enter.



Program-5

Creating image gallery using html and bootstrap.

```
<!DOCTYPE html>

<html lang="en" dir="ltr">

  <head>

    <title>image gallery</title>

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"

    integrity="sha384-9alt2nRpC12Uk9gS9baDl411NQAoPfmC26EwAOh8WgZl5MYXfFc+NcPb1dKGj7Sk" crossorigin="anonymous">

  </head>

  <body>

    <nav class="navbar navbar-expand-lg navbar-light bg-light navbar-fixed-top" >

      <a class="navbar-brand" href="#"><svg class="bi bi-image-fill" width="1em" height="1em" viewBox="0 0 16 16" fill="currentColor" xmlns="http://www.w3.org/2000/svg">

        <path fill-rule="evenodd" d="M.002 3a2 2 0 0 1 2-2h12a2 2 0 0 1 2 2v10a2 2 0 0 1 2 2h-12a2 2 0 0 1 2-2V3zm1 9l2.646 2.354a.5.5 0 0 1 .63-.062l2.66 1.773 3.71-3.71a.5.5 0 0 1 .577-.094l15.002 9.5V13a1 1 0 0 1-1 1h-12a1 1 0 0 1-1-1v-1zm5-6.5a1.5 1.5 0 1 1-3 0 1.5 1.5 0 0 1 3 0z"/>

      </svg> IMG</a>

      <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

        <span class="navbar-toggler-icon"></span>

      </button>

      <div class="collapse navbar-collapse" id="navbarSupportedContent">

        <ul class="navbar-nav mr-auto">

          <li class="nav-item active">

            <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>

          </li>

          <li class="nav-item">

            <a class="nav-link" href="#">Link</a>

          </li>

          <li class="nav-item dropdown">

            <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

              Dropdown

            </a>

            <div class="dropdown-menu" aria-labelledby="navbarDropdown">

              <a class="dropdown-item" href="#">Action</a>

              <a class="dropdown-item" href="#">Another action</a>

              <div class="dropdown-divider"></div>

              <a class="dropdown-item" href="#">Something else here</a>

            </div>

          </li>

          <li class="nav-item">

            <a class="nav-link disabled" href="#" tabindex="-1" aria-disabled="true">Disabled</a>

          </li>

        </ul>

        <form class="form-inline my-2 my-lg-0">
```

[illegible]


```

<div class="img-thumbnail">

</div>

</div>

<script src="https://code.jquery.com/jquery-3.4.1.slim.min.js"

integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRStoZ+n" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"

integrity="sha384-Q6E9RHvblyZfJoft+2mjbHaEWdlivI9IOy5n3zV9zzTtmi3UksdQRVvoxMfooAo" crossorigin="anonymous"></script>

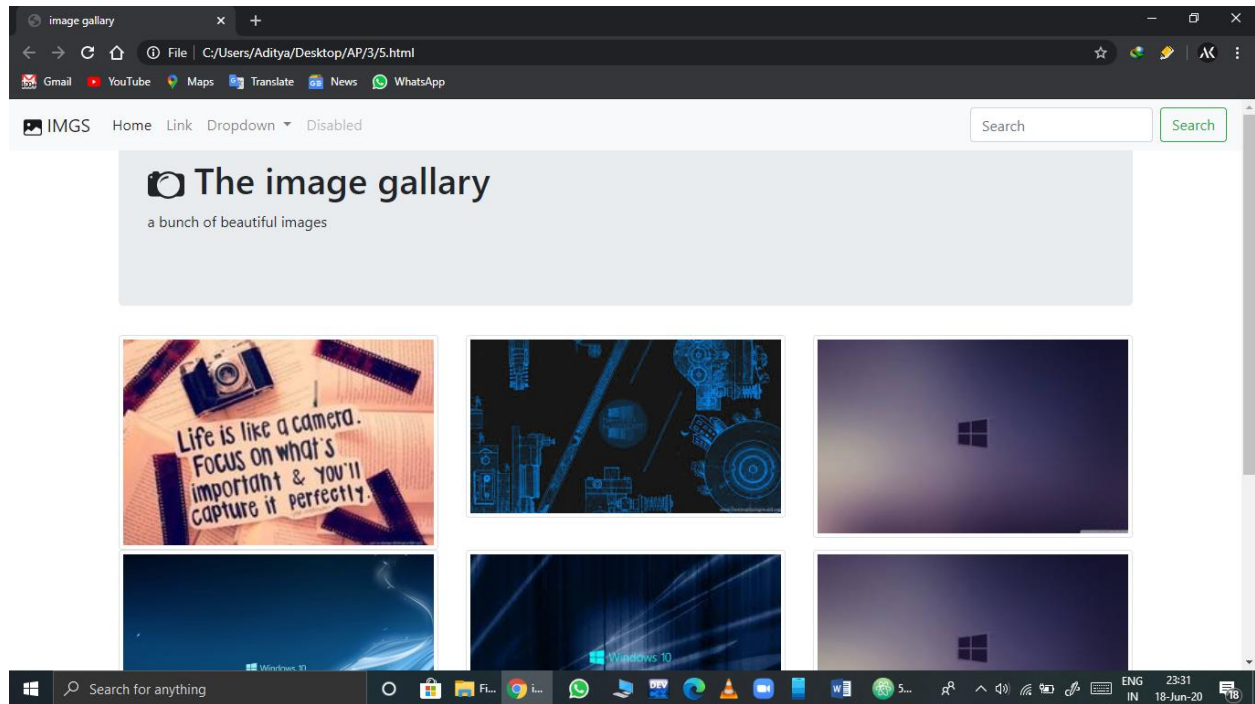
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"

integrity="sha384-Q6VRvuATP1z7JHHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JIKI" crossorigin="anonymous"></script>

</body>

</html>

```



Program-6

Creating a website using PHP.

```
<!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 of the number is $sum";
    ?>
  </body>
</html>
```

Apps webmail outlook - ... New Tab ear sir Sign in to your acco... Microsoft Office Ho... www.youtube.com new doc 2019-12-0...

Enter the number:

Sum of digits is 10

Program-7

Understanding java script

```
<html>
<head>
  <title>Calculator</title>
  <style media="screen">
    .title{
      margin-top: 5%;
      margin-left: 25%;
      margin-right: 32%;
      text-align:center;
      font-size: 44;
      color:black;
      border: solid black 2px;
      border-collapse: collapse;}
    input[type="button"]{
      padding:2px;
      font-size: 44;
      background-color:black;
      color: white;
      border: solid black 2px;
      width:100%}
    input[type="button"]:hover{
      padding: 2px;
      font-size: 44;
      color: black;
      background-color: white;}
    input[type="text"]{
      padding: 2px;
      font-size: 44;
      background-color:white;
```

```
border: solid black 1px;
border-collapse: collapse;
width:100%}
```

```
.calculator{
    border: solid black 3px;
    border-collapse: collapse;
    margin-left: 25%;
    margin-right: 32%;
    margin-top: 7%;}
```

```
p{
    text-align: right;}
```

```
</style>
```

```
<script>
```

```
//function that display value
```

```
function dis(val){
    document.getElementById("result").value+=val;}
```

```
//function for evaluating the expression and displaying the result
```

```
function solve(){
    let x = document.getElementById("result").value;
    let y = eval(x);
    document.getElementById("result").value = y;}
```

```
//function to clear calculator screen
```

```
function clr(){
    document.getElementById("result").value = "";
```

```
</script>
```

```
</head>
```

```
<body>
```

```
    <div class = "title" >Calculator</div>
```

```
    <div class="calculator">
```

```
        <div class="inputbox">
```

```
            <table border="0.5">
```

```
                <tr>
```

```
                    <td colspan="3"><input type="text" id="result"/></td>
```

```
<td><input type="button" value="c" onclick="clr()"/> </td>
```

```
</tr>
```

```
<div class="body">
```

```
<tr>
```

```
<!-- create button and assign value to each button -->
```

```
<!-- dis("1") will call function dis to display value -->
```

```
<td><input id="input" type="button" value="1" onclick="dis('1')"/> </td>
```

```
<td><input id="input" type="button" value="2" onclick="dis('2')"/> </td>
```

```
<td><input id="input" type="button" value="3" onclick="dis('3')"/> </td>
```

```
<td><input id="input" type="button" value="/" onclick="dis('/')"/> </td>
```

```
</tr>
```

```
<tr>
```

```
<td><input id="input" type="button" value="4" onclick="dis('4')"/> </td>
```

```
<td><input id="input" type="button" value="5" onclick="dis('5')"/> </td>
```

```
<td><input id="input" type="button" value="6" onclick="dis('6')"/> </td>
```

```
<td><input id="input" type="button" value="-" onclick="dis('-')"/> </td>
```

```
</tr>
```

```
<tr>
```

```
<td><input id="input" type="button" value="7" onclick="dis('7')"/> </td>
```

```
<td><input id="input" type="button" value="8" onclick="dis('8')"/> </td>
```

```
<td><input id="input" type="button" value="9" onclick="dis('9')"/> </td>
```

```
<td><input id="input" type="button" value="+" onclick="dis('+')"/> </td></tr>
```

```
<tr>
```

```
<td><input id="input" type="button" value="." onclick="dis('.')"/> </td>
```

```
<td><input id="input" type="button" value="0" onclick="dis('0')"/> </td>
```

```
<!-- solve function call function solve to evaluate value -->
```

```
<td><input id="input" type="button" value="=" onclick="solve()"/> </td>
```

```
<td><input id="input" type="button" value="*" onclick="dis('*')"/> </td></tr></div></table>
```

```
</body></div></div><p>
```

```
ADITYA KALRA (IT,11912038)</p><br>
```

```
</html>
```



Calculator

			C
1	2	3	/
4	5	6	-
7	8	9	+
.	0	=	*

Project by:
ADITYA KALRA (IT.11912038)

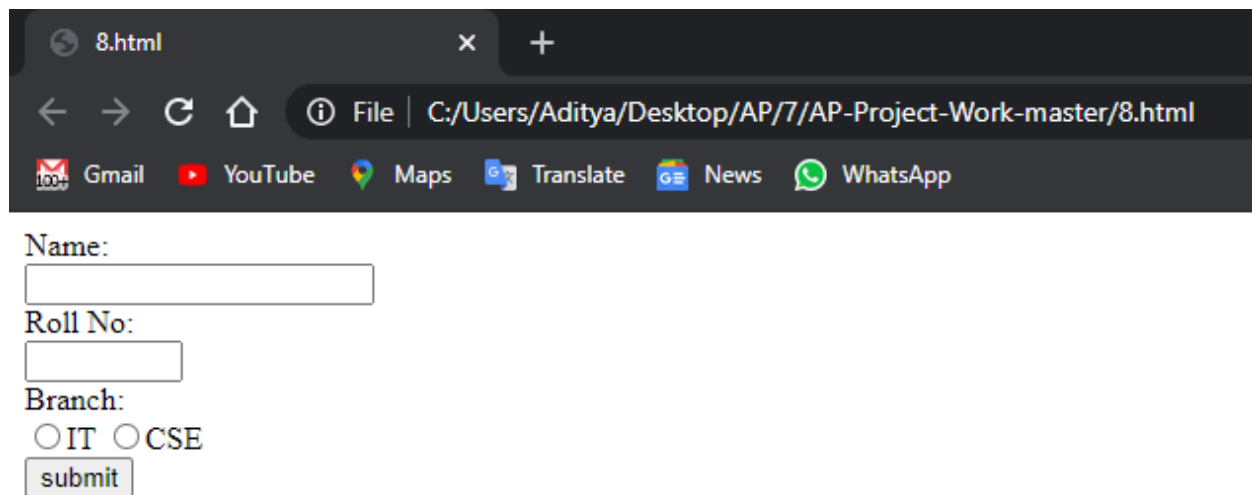
Program-8

Creating a form using JavaScript and PHP.

```
<!DOCTYPE html>
<html>
<head>
  </head>
<body>
  <form action="appprac8.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=1400 max=1460><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 <html>
<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>
```



The screenshot shows a web browser window with a dark theme. The address bar displays the file path: C:/Users/Aditya/Desktop/AP/7/AP-Project-Work-master/8.html. Below the address bar, there is a row of quick launch icons for Gmail, YouTube, Maps, Translate, News, and WhatsApp. The main content area of the browser displays a form with the following elements:

- A label "Name:" followed by a text input field.
- A label "Roll No:" followed by a text input field.
- A label "Branch:" followed by two radio button options: "IT" and "CSE".
- A "submit" button at the bottom.