

Program :1

Sample webpage creation

```
-----
<Html>
<head>
<title>
Registration Page
</title>
</head>
<body bgcolor="Lightskyblue">
<br>
<br>
<form>

<label> Firstname </label>
<input type="text" name="firstname" size="15"/> <br> <br>
<label> Middlename: </label>
<input type="text" name="middlename" size="15"/> <br> <br>
<label> Lastname: </label>
<input type="text" name="lastname" size="15"/> <br> <br>

<label>
Course :
</label>
<select>
<option value="Course">Course</option>
<option value="BCA">BCA</option>
<option value="BBA">BBA</option>
<option value="B.Tech">B.Tech</option>
<option value="MBA">MBA</option>
<option value="MCA">MCA</option>
<option value="M.Tech">M.Tech</option>
</select>

<br>
<br>
<label>
Gender :
</label><br>
<input type="radio" name="male"/> Male <br>
<input type="radio" name="female"/> Female <br>
<input type="radio" name="other"/> Other
<br>
<br>

<label>
Phone :
</label>
<input type="text" name="country code" value="+91" size="2"/>
<input type="text" name="phone" size="10"/> <br> <br>
Address
<br>
<textarea cols="80" rows="5" value="address">
</textarea>
<br> <br>
Email:
<input type="email" id="email" name="email"/> <br>
<br> <br>
Password:
<input type="Password" id="pass" name="pass"> <br>
<br> <br>
Re-type password:
<input type="Password" id="repass" name="repass"> <br> <br>
<input type="button" value="Submit"/>
```

```
</form>
</body>
</html>
```

Program :2
Create internal and external stylesheet

Inline

```
<html>
  <head>
    <title> Inline css </title>
  </head>
  <body>
    <p style ="color : red ;font-size :50 px;font-style:italic;text-align:center;">
      GLOBAL WARMING
    </p>
  </body>
</html>
```

InternL stylesheet

```
<html>
<head>
<title>internal css </title>
<style>
body {
  font-size:80pt
  font family: monotype corsiva:
  color: yellow;
  background-color: green;
}
h1{
  font-size:50pt;
  text-align:centre:
  color:red;}
p{
  margin-left:50px;
  margin-reight:50px;
}
a:link{color:blue;}
a:visited{color:red;}
a:active{color:pink;}
</style>
</head>
<body>
  <h1>cascading stylesheet defined by <a href = "sample.html">
    internal style </a> provides powerful page layout facilities
  </p>
</body>
</html>
```

External stylesheet

```
<html>
<head>
<title> external css </title>
<link rel = "style sheet".href ="exstyle.css"type = "textless">
</head>
<body>
<h1><centre> external stylesheet </centre></h1>
<p> this program is example of external style sheet aand has a seperate file called exstyle
with.css extension</p>
<big> this is larger font </big></br>
```

```
<small> this is smaller font</small>
</body>
</html>
```

Program :3
Working with XML and CSS

Rule.CSS

```
books{
    color: white;
    background-color: gray;
    width: 100%;
}

heading{
    color: green;
    font-size: 40px;
    background-color: powderblue;
}

heading, title, author, publisher, editor, price{
    display: block;
}

title{
    font-size: 25px;
    font-weight: bold;
}

-----
```

XML and CSS .xml

```
-----
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/css" href="Rule.css"?>
<books>
    <heading>Welcome To Sathyabama Library </heading>
    <book>
        <title>Title -: Web Programming</title>
        <author>Author -: Chrisbates</author>
        <publisher>Publisher -: Wiley</publisher>
        <edition>Edition -: 3</edition>
        <price> Price -: 300</price>
    </book>
    <book>
        <title>Title -: Internet world-wide-web</title>
        <author>Author -: Ditel</author>
        <publisher>Publisher -: Pearson</publisher>
        <edition>Edition -: 3</edition>
        <price>Price -: 400</price>
    </book>
    <book>
        <title>Title -: Computer Networks</title>
        <author>Author -: Foruouzan</author>
        <publisher>Publisher -: Mc Graw Hill</publisher>
        <edition>Edition -: 5</edition>
        <price>Price -: 700</price>
    </book>
    <book>
        <title>Title -: DBMS Concepts</title>
        <author>Author -: Navath</author>
        <publisher>Publisher -: Oxford</publisher>
        <edition>Edition -: 5</edition>
        <price>Price -: 600</price>
    </book>
</books>
```

```

<book>
  <title>Title -: Linux Programming</title>
  <author>Author -: Subhitab Das</author>
  <publisher>Publisher -: Oxford</publisher>
  <edition>Edition -: 8</edition>
  <price>Price -: 300</price>
</book>
</books>

```

Program :4

Form validation using Java script

```

<html>
<head><title>Form validation</title>
<script language="javascript">
var s1,s2,s3,s4,s5,s6,s7,s8;
function fun1()
{
if(form1.name.value=="")
{
alert("enter the name");
form1.name.focus();
}
else
{
var l=form1.name.value.length;
s1=new String(form1.name.value);
for(i=0;i<l;i++)
{
if(!((s1.charAt(i)>='a' || s1.charAt(i)>='A') && (s1.charAt(i)<='z' || s1.charAt(i)<='Z'))))
{
alert("Please enter the correct name");
form1.name.focus();
break;
}}
}
}
function fun2(){
if(form1.email.value=="")
{
alert("enter the email");
form1.email.focus();
}
else{
var c1=0;
var c2=0;
var l=form1.email.value.length;
s2=new String(form1.email.value);
for(i=0;i<=l;i++)
{
if(s2.charAt(i)=='@')
{
c1=c1+1;
var j=i;
}}
if(c1==1)
{
for(i=j;i<=l;i++)
{
if(s2.charAt(i)=='.')
c2=c2+1;
} }
if(!((c1==1) && (c2==1)))
{
alert("enter the correct e-mail id");
}
}
}

```

```

form1.email.focus();
}}}}
function fun3()
{
s3=form1.age.value;
if((s3=="")||isNaN(s3)) //isNaN() function determines whether a value is an illegal number
{
alert("enter the age");
form1.age.focus();
}
}
function fun4()
{
s4=form1.addrs.value;
if(s4=="")
{
alert("enter the address");
form1.addrs.focus();
}
}
function fun5()
{
s5=form1.phno.value;
l=form1.phno.value.length;
if((s5=="") || isNaN(s5)|| l!=10)
{
alert("Invalid phone number");
form1.phno.focus();
}
}
function fun6()
{
var tag1=0;
for(var i=0;i<form1.bank.length;i++)
{
if (form1.bank[i].checked==true)
{
s6=form1.bank[i].value;
tag1=1;
break;
}
}
if(!(tag1==1))
{
alert("select ur Bank");
form1.bank.focus();
}
}
function fun7()
{
s7=form1.card.value;
if((s7=="") || isNaN(s7))
{
alert("Invalid card number");
form1.card.focus();
}
}
function fun8()
{
s8=form1.pin.value;
var l=form1.pin.value.length;
if(((s8=="") || isNaN(s8))&&(l==3))
{
alert("Invalid card number");
form1.pin.focus();
}
}

```

```

}
}
function fun9(){
w1=window.open('Order Conformation.html');
w1.document.writeln("<h1><center>");
w1.document.writeln("Order Conformation Details");
w1.document.writeln("</h1></center>");
w1.document.writeln("<br>");
w1.document.writeln("Name:",s1);
w1.document.writeln("<br>");
w1.document.writeln("Email:",s2);
w1.document.writeln("<br>");
w1.document.writeln("age:",s3);
w1.document.writeln("<br>");
w1.document.writeln("Address:",s4);
w1.document.writeln("<br>");
w1.document.writeln("Phone:",s5);
w1.document.writeln("<br>");
w1.document.writeln("Bank Name:",s6);
w1.document.writeln("<br>");
w1.document.writeln("Card Number:",s7);
w1.document.writeln("<br>");} </script></head>

<body bgcolor="pink" >
<h1><b><u> User profile </u></b></h1>
<form name="form1" method="get">
<b>
Name:<input type="text" name="name" maxleng="15"><br>
E-mail:<input type="text" name="email" onfocus="fun1()"><br>
Age:<input type="text" name="age" onfocus="fun2()"><br>
Address:<textarea onfocus="fun3()" rows=10 cols=20
name="addr"></textarea><br>
Phoneno:<input type="text" name="phno" onfocus="fun4()"><br>
Bank Name:<br>
<input type="radio" onfocus="fun5()" name="bank" value="Indian Bank">Indian Bank
<input type="radio" onfocus="fun5()" name="bank" value="Indian Overseas Bank">Indian
Overseas Bank <br>
<input type="radio" onfocus="fun5()" name="bank" value="ICICI">ICICI
<input type="radio" onfocus="fun5()" name="bank" value="Axis">Axis <br>
Card No:<input type="text" name="card" onfocus="fun6()"><br>
Pin No:<input type="password" name="pin" onfocus="fun7()"><br><br><br><br>
<input type="button" value="submit" onfocus="fun8()" onclick="fun9()">
<input type="reset" value="clear">
</b>
</form>
</body>
</html>

```

Program: 5
Working with ajax

```

<html>
<body>
<div id="demo">
<h1>The XMLHttpRequest Object</h1>
<button type="button" onclick="loadDoc()">Change Content</button>
</div>
<script>
function loadDoc()
{
var xhttp = new XMLHttpRequest();
xhttp.onreadystatechange = function(){
if(this.readyState ==4 && this.status ==200)
{
document.getElementById("demo").innerHTML = this.responseText;

```

```

        }
    };
    xhttp.open("GET","info.txt",true);
    xhttp.send();
}
</script>
</body>
</html>

```

Program :6
Program to demonstrate jquery selectors

```

<!DOCTYPE html>
<html>
  <head>
    <script src ="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js">
</script>
    <script>
      $(document).ready(function(){
        $("#bt1").click(function(){
          $("p").hide();
        });

        $("#bt2").click(function(){
          $("p").show();
        });
      });
    </script>
  </head>
  <body>
    <h2> demonstration of AJAX click event </h2>
    <p> first paragraph </p>
    <p> second paragraph </p>
    <button id="bt1"> Click me to hide para</button>
    <button id="bt2"> Click me to show para</button>
  </body>
</html>

```

Program : 7
Working with j query events and effects

```

<!DOCTYPE html>
<html>
  <head>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js">
</script>
    <script>
      $(document).ready(function(){
        $("p").dblclick(function(){
          $(this).hide();
        });
      });
    </script>
  </head>
  <body>
    <p> If you double-click on me, I will disappear. </p>
    <p> Click on me.</p>
    <p> Click on me too.</p>
  </body>
</html>

```

Program : 8
Program to demonstrate php form handling

Student information.html

```
<html>
<body>
<form action ="form.php" method="post">
<h1><b>STUDENT INFORMATION</b></h1>
Name:<input type="text" name="name"><br><br>
Reg.No:<input type="text" name="reg"><br><br>
DOB:<input type="date" name="dob"><br><br>
Gender:
male<input type="radio" name="gender" value="male">
female<input type="radio" name="gender" value="female">
other<input type="radio" name="gender" value="other"><br><br>
Email:<input type="text" name="email"><br><br>
Mobile No:<input type="text" name="mob"><br><br>
<input type="submit">
</form>
</body>
</html>
```

Welcome .php

```
<html>
<body>
Hello! <?php echo $_POST["name"];?><br>
Your Registration Number is <?php echo $_POST["reg"];?><br>
You were born on <?php echo $_POST["dob"];?><br>
You are a <?php echo $_POST["gender"];?><br>
<?php echo $_POST["mob"];?> is your contact number
</body>
</html>
```

Program :9

Program to perform php form validation

```
-----
<html>

<head>
<style>
.error {color: #FF0000;}
</style>
</head>

<body>
<?php
// define variables and set to empty values
$nameErr = $emailErr = $genderErr = $websiteErr = "";
$name = $email = $gender = $comment = $website = "";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["name"])) {
        $nameErr = "Name is required";
    }else {
        $name = test_input($_POST["name"]);
    }

    if (empty($_POST["email"])) {
        $emailErr = "Email is required";
    }else {
        $email = test_input($_POST["email"]);

        // check if e-mail address is well-formed
        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
            $emailErr = "Invalid email format";
        }
    }
}
```



```

    }

    if (empty($_POST["website"])) {
        $website = "";
    }else {
        $website = test_input($_POST["website"]);
    }

    if (empty($_POST["comment"])) {
        $comment = "";
    }else {
        $comment = test_input($_POST["comment"]);
    }

    if (empty($_POST["gender"])) {
        $genderErr = "Gender is required";
    }else {
        $gender = test_input($_POST["gender"]);
    }
}

function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>

```

<h2>Absolute classes registration</h2>

<p>* required field.</p>

```

<form method = "post" action = "<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    <table>
        <tr>
            <td>Name:</td>
            <td><input type = "text" name = "name">
                <span class = "error">* <?php echo $nameErr;?></span>
            </td>
        </tr>

        <tr>
            <td>E-mail: </td>
            <td><input type = "text" name = "email">
                <span class = "error">* <?php echo $emailErr;?></span>
            </td>
        </tr>

        <tr>
            <td>Website:</td>
            <td> <input type = "text" name = "website">
                <span class = "error"><?php echo $websiteErr;?></span>
            </td>
        </tr>

        <tr>
            <td>Comment:</td>
            <td> <textarea name = "comment" rows = "5" cols = "40"></textarea></td>
        </tr>

        <tr>
            <td>Gender:</td>
            <td>
                <input type = "radio" name = "gender" value = "female">Female

```

```

        <input type = "radio" name = "gender" value = "male">Male
        <span class = "error">* <?php echo $genderErr;?></span>
    </td>
</tr>

    <td>
        <input type = "submit" name = "submit" value = "Submit">
    </td>

</table>

</form>

<?php
    echo "<h2>Your given values are as:</h2>";
    echo $name;
    echo "<br>";

    echo $email;
    echo "<br>";

    echo $website;
    echo "<br>";

    echo $comment;
    echo "<br>";

    echo $gender;
?>

</body>
</html>

```

Program :10
Program to create php database application using mysql

DBform.HTML

```

-----
<!DOCTYPE html>
<html>
    <body style ="background-color: #D6EAF8 ;">
    <h1><center><font size ="150%">Student details</font></center></h1>
        <form action ="table.php" method ="POST">
            Name : <input type="text" name="Name"><br> <br>
            Reg no : <input type="text" name="regno"><br><br>
            Phone no : <input type="text" name="phon"><br><br>
            Email ID : <input type="text" name="email"><br><br>
            <input type="submit">
        </form>
    </body>
</html>

```

Table.php

```

-----
<?php
$name=$_POST['Name'];
$regno=$_POST['regno'];
$phon=$_POST['phon'];
$email=$_POST['email'];

$conn=new mysqli('localhost','root','','student_details');
if($conn-> connect_error)
{
    die('Connection failed :'.$conn->connect_error);
}

```

```

else{
    $stmt=$conn->prepare("insert into stud_info(Name,Regno,Phone,Mail)values(?,?,?,?)");
    $stmt->bind_param("siis",$name,$regno,$phon,$email);
    $stmt-> execute();
    echo "<center>". "<h4>". "Registration successful". "</h4>". "</center>". "<br>";
    $stmt->close();
}
$sql="SELECT Name, Regno, Phone, Mail FROM stud_info";
$result=$conn->query($sql);
if($result->num_rows>0)
{
    while($row=$result->fetch_assoc())
    {
        echo "<br>". "NAME : ".$row["Name"]. " ". "REGNO : ".$row["Regno"]. " ". "PHONE : 
".$row["Phone"]. " ". "EMAIL : ".$row["Mail"]. "<br>";

    }
}
else {
    echo "Zero results";
}
$conn->close();
?>

```

Program :11

Program to demonstrate angular js directives
(A)

```

<html>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<body>

<div ng-app="">
    <p>Name: <input type="text" ng-model="name"></p>
    <p ng-bind="name"></p>
</div>

</body>
</html>

```

Angular js directives
(B)

```

<html>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>

<div ng-app="" ng-init="firstName='John'">

<p>The name is <span ng-bind="firstName"></span></p>

</div>

</body>
</html>

```

Program:12
Program to demonstrate angular is expression

```

<html >
<head>
    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js">
</script>

```

```
</head>
<body >
  <div ng-app ng-init="greet='Hello World!'; amount= 10000;rateOfInterest = 10.5;
duration=10; myArr = [100, 200]; person = { firstName:'Steve', lastName : 'Jobs'}">
    {{ (amount * rateOfInterest * duration)/100 }}<br />
    {{myArr[1]}} <br />
    {{person.firstName + " " + person.lastName}}
  </div>
</body>
</html>
```