

# WEB PROGRAMMING

## LAB RECORD.

# Programs:

Aim: Model a Sample HTML file to demonstrate  
The Use of different tags.

```
<html>
```

```
<head> <title> Page </title> </head>
```

```
<body>
```

```
<h1> This is my first Paragraph </h1>
```

```
<h2> This is my Second Paragraph </h2>
```

```
<p><b><i> This is just a Paragraph </i></b></p>
```

```
<p><strong> This is just a Paragraph </strong>
```

```
</p>
```

```
<p><em> Emphasized tag Paragraph </em></p>
```

```
<small> Small tag </small>
```

```
<p> the content will be <del> deleted </del></p>
```

```
<p> The content will be <ins> Inserted </ins></p>
```

```
<p> the content will be <sub> Subscripted </sub></p>
```

```
<font face="verdana" size="12" color="red">
```

```
 <font>
```

```
<body>
```

```
</html>
```

Result:

Passed

The Program has been Executed and  
the Output was Verified.

Output 2024-2025 2024

Client	Code	Output
C1	Code 1	Output 1
C2	Code 2	Output 2
C3	Code 3	Output 3
C4	Code 4	Output 4

Padding : 0000,

last character added

Last character added

3

equivalent	length
0020	length
20247	24122
xxxxx	string

## Output

This is my first Paragraph

This is my Second Program

This is just a paragraph

This is just a Paragraph

Emphasized tag Paragraph

Small tag

Content will be deleted

Content will be inserted

Content will be <sup>subscripted</sup>

Content will be <sup>superscripted</sup>

Font tag

Content will be printed

"or" added to "answer" = print word

Content got printed

Symbol

Content

## Program 2.

Linking

Aim: Create a HTML File to link to different  
HTML Page which contains images, tables,  
and also link with in a Page.

<HTML>

a2.html

<Head>

<Style>

a {

color : red;

font-family : Century Gothic;

padding : 20px;

text-decoration : none;

font-weight : bold;

}

div {

position : absolute;

left : 100px;

}

</style>

</head>

<body>

<div> <a href="A2main.html"> ASUS </a>

<a href="#"> Acer Spec </a> <br/>

<center> <h1> Acer </h1> </center>



<a name="tab1"/> <table border="1px">

<tr>

<th> Product </th>

<td> laptop </td>

</tr>

<tr>

<th> Brand </th>

<td> (colspan="2") Acer </td>

</tr>

<tr>

<th> <sup>Series</sup> Series </th>

<td colspan="2" Fx505 </td>

</tr>

<tr>

<th> Price </th> <td> Colspan = "2" <td> xxxx  
= </td>

</tr>

</table> <center><div>

</body>

</html>

a3.html

<html>

<head>

<style>

a {

color: red;

font-family: Century Gothic;

padding: 20px;

text-decoration: none;

font-weight: bold;

}

```
div {
```

```
    position: absolute;
```

```
    left: 100px;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div><a href="#tab">Asus Spec</a>
```

```
    <a href="a2.html">acer</a><br>
```

```
<(center)<h1> Asus </h1></center>
```

```

```

```

```

```
<(center)
```

```
<a name="tab"/><table border="1px">
```

```
<tr>
```

```
    <th> Product </th>
```

```
    <td> Laptop </td>
```

```
</tr>
```

<tr>

Brand

frag & w()

<th> model </th>

<td colspan="2" rowspan="2">Asus

inf. d. & v.

<tr>

<td>

Series

D Smart

<th> Services </th>

C Smart

<td colspan="2" rowspan="2">F x 505

Find?

<tr>

<tr>

<th> Price </th> <td colspan="2" rowspan="2">XXXXX

<tr>

<table>

EMR97 WVA017

</center>

<div>

<body>

</html>

Result:

The Program has been Executed and  
the Output was Verified

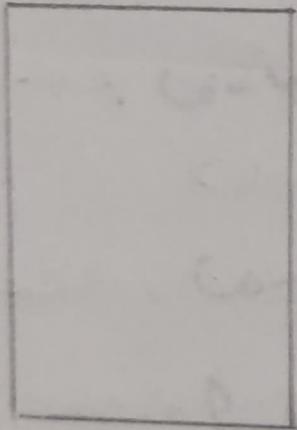
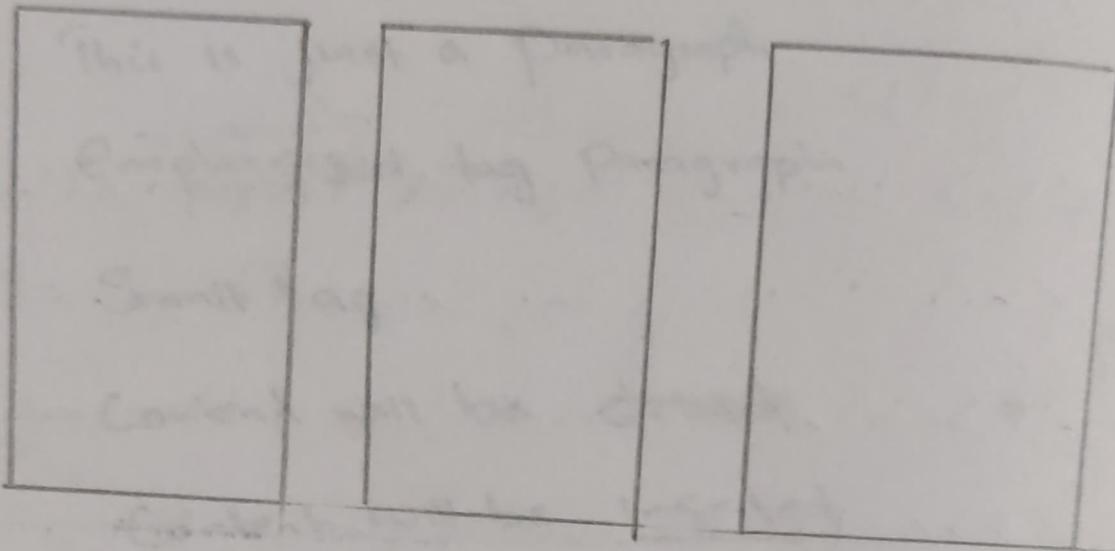
Output

: finest

Q2.HTML

ASUS

acer spec



Product	Laptops
Brand	acer
Series	FX505
Price	XXXXX

line

## Output

to monitor

Q1.html

Q2.html

Asus Spec of F1505G Series

intel i5

CPU

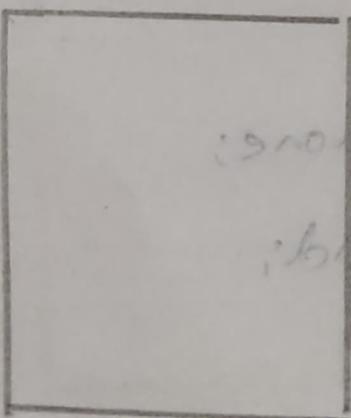
Chassis

Laptop

3D

Screen: 1080P

Processor: Intel i5



Product	Laptop
Brand	Asus
Series	F1505
Price	XXX XX

CPU

Chassis

### Program 3:

Aim: Create a HTML page with different types of frames such as floating frame, navigation frame mind frame.

q3.html

<HTML>

<frameset rows="50%, 50%">

<frame src="q3nav.html">

<frameset cols="100%">

<frame src="qmixed.html">

</frameset>

</frameset>

</html>

q3nav.html

—

<html>

<frameset cols="100,% 4">

<frameset src="try.html">

<frame src="leaf.html">

<(frameset>

<(html>

④ Mixed.html

<(html>

<frame set cols = "50%,50%">

<frame src = "q1floating.html">

<frame src = "q2.html">

<(frameset>

<(html>

q1floating.html

<(html>

<(h1> Floating Frame </h1>

<frame src = "q2.html">

<(frame>

<(html>

Result: Program has been executed and the output was verified.

Output

panel 8  
<div> Label </div>

</td>

<div> </div>

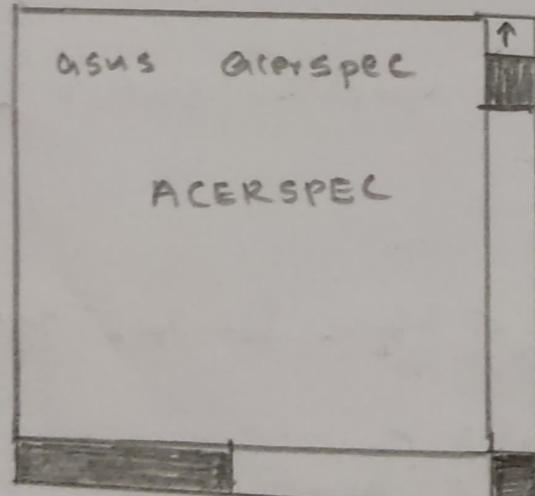
frame a

frame b

<div> Enter a year  
[input type="text"]</div>  
<div> Submit </div>

<div></div>

FLOATING FRAME

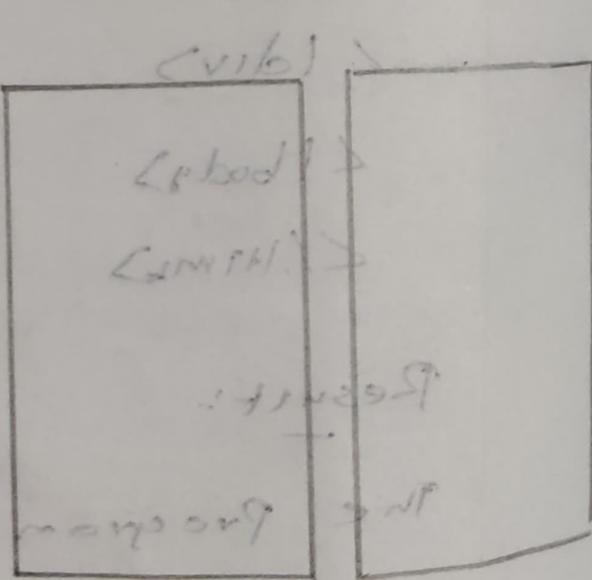


both between monitor

position and height off

asus acerspec

<div> ACER </div>



## Program: 4

Aim: Analysis CSS by applying the different styles using inline, external, internal style sheets in a HTML file.

```
<html>
<head>
<link rel="stylesheet" href="Style.css">
<style>
  * {
    margin: "0px";
    padding: "0px";
  }
  body {
    font-family: Century Gothic;
    color: red;
  }
</style>
</head>
<body>
<div class="an">
```

<P> Hello Everyone</P>

</div>

<div style="color:grey; font-weight:bold">

in line </div>

</body> </html>

Style.css

body {

background-color:blue;

}

\* Cent{

position: absolute;

top: 200px; browser

left: 200px; browser margin

}

Result: Program has been executed and  
the Output was Verified

<classmate1>

<ctrl1>

<ctrl2>

<ctrl3>

<ctrl4> HELLO EVERYONE <ctrl5>

<ctrl6> <ctrl7>  
inline

<ctrl8> <ctrl9>

<ctrl10>

<ctrl11>

intel - without 17 <ctrl12>

<ctrl13>

<ctrl14> smart <ctrl15> <ctrl16>

<ctrl17> <ctrl18> <ctrl19>

<smart11>

<ctrl21>

alt + func between <ctrl> and <smart11> since  
highlighted area <ctrl>

Program: 5

Aim: HTML Program to Create a registration form.

```
<html>
  <head>
    <title> Registration Form </title>
  </head>
  <body>
    <center>
      <form>
        <table>
          <tr><th> name </th><td>
            <input type="text" name="nm" value="" />
          </td></tr>
          <tr><th> Date of birth </th><td>
            <input type="date" name="dt" value=" " />
          </td></tr>
          <tr><th> phone </th><td>
            <input type="number" />
          </td></tr>
        </table>
      </form>
    </center>
  </body>
</html>
```

<tr><th> Address </th><td>

<textarea cols="80" rows="5" value="address">

</text area></td></tr>

<tr><th> State </th><td><Select>

<option> Kerala </option>

<option> Tamilnadu </option>

<option> Karnataka </option>

<option> Telengana </option></select>

</td></tr>

<tr><th> Username </th>

<td><input type="text" name="Us"

value=""></td></tr>

<tr><th> Password </th><td><input type=

"Password" name="Ps," value=""></td></tr>

<tr><th> Confirm password </th>

<td><input type="password" /></td></tr>

<tr><th colspan="2"><input type="Submit" name="sb" value="Submit"></th></tr>  
not much printed but nothing wrong

<label>

<form>

<center>

<body>

<html> no printed information

So now it is nothing  
Result: Program has been Executed and  
the output was Verified

: "answ3r

sigar: "intel,digital,space" (SIG) 8/18

seeing at 1700ms after about analysis

"looping time seen/q": "about 1000

Output

## REGISTER

Name :

Date of Birth:

Phone

Address

State

Username

Password

Confirm Password

Submit

Program : 6

Aim: Create an HTML Page to Explain the Use of Various Predefined Functions in a String and math Object in Javascript:

<HTML>

<head>

</head>

<body>

<h2> math functions </h2>

<div> math.PI returns the ratio of a circle's circumference to its diameter.

<span id="demo"></span></div>

<div> math.round function on 4.44 gives

<span id="demo1"></span></div><br>

<div> math.sqrt function on 4 gives

<span id="demo2"></span></div>

<h2> String Function </h2>

<div> Search only in "please only find

where 'only' occurs: <span id="demo3">

```
</span><div>
```

```
<div> slice (7/12) "mango, apple, kiwi".
```

```
<span id="demo4"></div>
```

```
<div> replace Oracle with microsoft in  
please visit Oracle :<span id="demo5">
```

```
</span><div>
```

```
<script>
```

```
document.getElementById("demo").
```

```
<div> innerHTML = math.PI;
```

```
document.getElementById("demo1").
```

```
<div> innerHTML = math.Round(4.44);
```

```
document.getElementById("demo2").
```

```
innerHTML = math.Sqrt(4);
```

```
var st = "Please Only find where occurs";
```

```
var do = st.Search("Only");
```

```
document.getElementById("demo3").
```

```
innerHTML = do;
```

Var String = "mango,apple,kiwi";

Var s = String.slice(7,12);

document.getElementById("demo4").

innerHTML = s;

Var S = "Please visit Oracle";

Var n = S.replace("Oracle", "microsoft");

document.getElementById("demo5").

innerHTML = n;

<script>

</body>

</html>

Result

Program has been <sup>executed</sup> verified and the output was verified

Output

Output of module "de" command

## math Function And String Function

(130211)

math.PI returns the ratio of a circle's circumference to its diameter 3.141592653589793

(130211)

math.round function on 4.44 gives 4

math.sqrt function 0.4 gives 2

Search only in "please only find where 'only' occurs": 7

Slice(7,12)"mango,Apple,kiwi": Apple

Replace Oracle with microsoft in please

visit Oracle": "please visit microsoft";

## Program 7:

Aim: Generate the Calender Using Javascript Code by getting the year from the user.

```
<!DOCTYPE html>

<html>
  <head>
    <title> my Calendar </title>
    <style type = "text/css">
      td {
        padding: 5px;
      }
      tr.month {
        color: #b30000;
        color: white;
        font-size: 18px;
        background-color: black;
      }
      #calendar {
        width: 100px;
      }
    </style>
  </head>
  <body>
    <script>
      var year = prompt("Enter the year");
      var month = prompt("Enter the month");
      var calendar = document.getElementById("calendar");
      calendar.innerHTML = generateCalendar(year, month);
    </script>
  </body>
</html>
```

• man {

width: 100px;

height: 250px;

box-shadow: 0 4px 10px 0 rgba(0,0,0,0.2),

0 4px 20px 0 rgba(0,0,0,0.19);

}

• head {

background: ;

box-shadow: 0 4px 10px 0 rgba(0,0,0,0.2),

0 4px 20px 0 rgba(0,0,0,0.19);

padding: 10px;

}

#btn {

background-color: green;

color: white;

border: none;

padding: 5px;

outline: none;

font-family: "courier new", Courier,

monospace;

```
<{ style>
<{ head>
<{ body>
<{div align='center' style="margin-top:5%;>
<{div class="head">
<{b style="font-size:20px; font-family:
'Courier New', Courier, Monospace;">
Select YEAR:<{b>
<{Select id="year">
<{script>
var year = [];
var i;
for (i=0; i<52; i++)
{
    year.push(1970+i);
}
for (i=0; i < year.length; i++)
{
    document.write("<option value=" +
    year[i] + ">" + year[i] + "</option>"),
}
```

```
<script>  
<select>  
    &nbsp;&nbsp;  
<button type="button" name="View" id="btn"  
    onclick="CreateCalendar()">View Calendar  
</button>  
  
<div>  
    <br><br><br>  
<div id="Calendar">  
</div>  
</div>  
  
<script>  
function CreateCalendar()  
{  
    var month = ['January', 'February', 'March', 'April',  
        'May', 'June', 'July', 'August', 'September',  
        'October', 'November', 'December'];  
    var j1,  
    var d = " ";
```

`d += "<table><tr> <th> Class = 'month' </th>`

January <th> <th> February <th> <th>

March <th> <th> April <th> <th> May

<th> <th> <th>" ;

for (j=0; j<12; j++)

{

`d += "<td> <table class = "mon" border = '1'`

style = float: left; margin-left: 1y; > <tr>

<th> S <th> <th> T <th> <th> W <th> <th> T <th>

<th> W <th> <th> T <th> <th> F <th> <th> S <th>

<th> <th>" ;

var mm = j;

var yy = document.getElementById('year').value;

var c = new Date(yy, mm, 1);

var day = c.getDay();

var i;

```
for (i=0; i < day; i++)  
{  
    dt = "<td><(td)>";  
}
```

```
while (c.getMonth() == mm)
```

```
{
```

```
    dt = "<td>" + c.getDate() + "</td>";  
    i++
```

```
    if (c.getDay() % 7 == 6)
```

```
{
```

```
    dt = "<td><br>";
```

```
}
```

```
c.setDate(c.getDate() + 1);
```

```
}
```

```
while ((c.getDay() % 7) == 6 && c.getDay() % 7  
!= 0)  
{
```

```
    dt = "<td><(td)>";
```

```
c.setDate(c.getDate() + 1);
```

```
}
```

IF (c.getDay() >= 20)

{

dt = "<td><td>";

}

dt = "<tr><td><td>";

IF (mm == 4)

{

dt = "<td><tr class='month'><th>

June <th><th>July <th><th>August <th>

<th>September <th><th>October <th>~~November~~

}

<th><th>";

else IF (mm == 9)

{

dt = "<tr><td class='month'><th>

November <th><th>December <th><th>

}

<th>";

}

```
d+ = "<hr><table>";  
document.getElementById("calendar").  
innerHTML = d;
```

{

```
<script> </div>
```

```
<body>
```

```
</html>
```

Result

Program has been executed and Output  
was Verified

## Output

(C:\F) file.pptx = & new  
("name") & I found 3.10. In word

Select YEAR :

1970

View Calender

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

1980

1981

1982

1983

1984

<1970>

<1980>

<1981>

1982

1983

figures on his slides and word report

last year each

## Program 8.

Aim: Create a HTML registration form  
And to validate the form Using JavaScript  
Code.

```
<HTML>
<head>
<title> welcome to Registration form </title>
<style>
body
{
margin :0px;
background-color: PaleVioletRed;
background-image: url('image/background.jpg');
color: #f9fcf5;
font-family: Arial, Helvetica, Sans-Serif;
}
```

```
# main
{
    width: 600px; height: auto; overflow: hidden;
    padding-bottom: 20px; margin-left: auto;
    margin-right: auto; border-radius: 5px;
    padding-left: 10px; margin-top: 100px;
    border-top: 3px double #F1F1F1;
    border-bottom: 3px double #F1F1F1;
    padding-top: 20px;
}

# main table
{
    font-family: "Comic Sans MS", cursive;
}

# main .tb
{
    height: 28px; width: 230px; border: 1px
    solid #F2C724; color: #Fd7838; font-weight
    bold; border-left: 5px solid #FFF7FF; opacity: 0.9;
}
```

```
# main.tb: focus
```

```
{
```

```
height: 28px;
```

```
border: 1px;
```

```
Solid #F26724;
```

```
outline: none; border-left: 5px Solid #F7F7F7;
```

```
}
```

```
main .btn
```

```
{
```

```
width: 150px; height: 32px; outline: none;
```

```
color: #F7F7F7; font-weight: bold;
```

```
border: 0px Solid #F26724; text-shadow: 0px 0.5px 0.5px #FFF; border-radius: 2px;
```

```
font-weight: 600; color: #F26724; letter-
```

```
spacing: 1px; font-size: 14px; background-
```

```
color: #F1F1F1; -webkit-transition: 1s;
```

```
transition: 1s;
```

```
}
```

```
</style>
```

<script>

function registration()

{

var name = document.getElementById("t1").value;

Var Email = document.getElementById("t2").value;

Var Uname = document.getElementById("t3").value;

Var Pwd = document.getElementById("t4").value;

Var CPwd = document.getElementById("t5").value;

Var Pwd\_Expression = /^(?=.{8,}[A-Z])(?=.{8,})

[a-z])(?=.{8,}[0-9])(?=.{8,?[\#!:@\$%^&\*-])

Var letters = /^[A-Za-z]+\$/;

Var filter = /^[a-zA-Z0-9\.\-]+@[a-zA-Z0-9\.\-]+\.

[a-zA-Z0-9\.-]+\$/

{2,4})+\$/;

If (name == '')

{

Alert ("Please enter your name");

}

```
else if (!letters.test(name))
```

```
{
```

```
    alert ("Name Field Required Only Alphabet  
    Characters");
```

```
}
```

```
else if (email == '')
```

```
{
```

```
    alert ("Please Enter your User Email Id");
```

```
}
```

```
else if (!filter.test(email))
```

```
{
```

```
    alert ("Invalid Email");
```

```
}
```

```
else if (Uname == '')
```

```
{
```

```
    alert ("Please Enter the User name.");
```

```
}
```

```
else if (!letters.test(Uname))
```

```
{
```

```
    alert ("User name Field Required Only  
    Alphabet Characters");
```

```
}
```

```
else if (Pwd == '')  
{  
    alert('Please enter password');  
}  
else if (CPwd == '*' )  
{  
    alert('Enter Confirm Password');  
}  
else if (!Pwd_expression.test(Pwd))  
{  
    alert('UpperCase, LowerCase, Special Character  
and Numeric letter are required in  
password filled');  
}  
else if (Pwd != CPwd)  
{  
    alert("Password not matched");  
}  
else if (document.getElementById("ts").value.  
length < 6)
```

```
     {  
       alert ("password minimum length is 6");  
     }  
  
    elseif (document.getElementById("ts").value.  
           length > 12)  
    {  
  
      alert ("password max length is 12");  
    }  
  
  else  
  {  
    alert ("Thank you for login");  
  }  
  
}  
  
function clearfunc()  
{  
  
  document.getElementById("t1").value = " ";  
  document.getElementById("t2").value = " ";  
  document.getElementById("t3").value = " ";  
  document.getElementById("t4").value = " ";  
  document.getElementById("ts").value = " ";  
}  
}
```

```
<|script>
<|head>
<body>
<div id="main">
<div class="h-tag">
<h2>Create your account</h2>
<div>
<div class="login">
<table cellspacing="2" align="center" cellpadding="8" border="0">
<tr>
<td align="right">Enter name:</td>
<td><input type="text" placeholder="Enter user here" id="t1" class="tb"/></td>
</tr>
<tr>
<td align="right">Enter Email ID:</td>
<td><input type="text" placeholder="Enter Email Id here" id="t2" class="tb"/></td>
</tr>
```

```
<tr>
<td align="right"> Enter Username : </td>
<td> <input type="text" placeholder="Enter
        Username here" id="t3" />
</td>
<tr>
<td align="right"> Enter Password : </td>
<td> <input type="password" placeholder="Enter
        Password here" id="t5" class="tb" />
</td>
<tr>
<td>
<input type="reset" value="Clear Form" onclick=
    "ClearForm()" id="res" class="btn" />
<input type="submit" value="Create Account"
    class="btn" onclick="registration()" />
</td>
</tr>
</table>
<(div> <(div>
<body> <html>
```

Output

,"Collected<,H>" + b

(Creating) B78 from 710 . framework  
Create your account

abc - jnfhvnn!

Enter name :

enter name

Cr1b12 C491R1215

Enter email ID:

Enter Email here

Cr1b12

Enter Username:

Enter Username here

Cr1f1n1

Enter Password:

Enter Password here

Cr1n1g1

Enter Confirm Password:

Enter Password here

Cr1n1V 2021

clear form

Create Account

Programs: 9

Aim: Create a HTML page to change the background color for every click of a button using Javascript Event Handling.

<HTML>

<head>

<Script type="text/javascript">

function func()

{

let color = '#' + (Math.random() \* 0xFFFFFF).toString(16);

document.body.style.backgroundColor = color;

}

</script>

</head>

<body>

<center><button style="margin-top: 300px;

padding: 15px; border-radius: 10px; font-

family: Century Gothic; background-color: white;

Onclick = "func();>

Change Color Of button & center

</body>

</html>

Result:

Program has been executed and output was verified.

Script

Change color and position

function ShowIt(button)

document.getElementById("button").

src = imgSrc;

document.getElementById("img").

style.display = "block";

}

function hideIt()

{

document.getElementById("button").

style.display = "none";

}

## Output

```
<html>
  <head>
    <title>A simple web page</title>
  </head>
  <body>
    <h1>Hello, world!</h1>
    <p>This is my first web page.</p>
    <img alt="A small red square" data-bbox="145 115 255 225" style="width: 100px; height: 100px; border: 2px solid black; border-radius: 50%;"/>
    <script>
      document.write("Hello, world!");
      document.getElementById("color").style.backgroundColor = "red";
      document.getElementById("color").style.color = "white";
      document.getElementById("color").style.border = "1px solid black";
      document.getElementById("color").style.padding = "10px";
      document.getElementById("color").style.text-align = "center";
      document.getElementById("color").style.cursor = "pointer";
      document.getElementById("color").style.userSelect = "none";
      document.getElementById("color").style.transition = "background-color 0.5s ease-in-out, color 0.5s ease-in-out, border 0.5s ease-in-out, padding 0.5s ease-in-out, text-align 0.5s ease-in-out, cursor 0.5s ease-in-out, user-select 0.5s ease-in-out";
      document.getElementById("color").addEventListener("click", function() {
        document.body.style.backgroundColor = "#f0f0f0";
        document.getElementById("color").style.backgroundColor = "#fff";
        document.getElementById("color").style.color = "#000";
        document.getElementById("color").style.borderColor = "#ccc";
        document.getElementById("color").style.padding = "5px";
        document.getElementById("color").style.textAlign = "left";
        document.getElementById("color").style.cursor = "not-allowed";
        document.getElementById("color").style.userSelect = "text";
        document.getElementById("color").style.transition = "background-color 0.5s ease-in-out, color 0.5s ease-in-out, border 0.5s ease-in-out, padding 0.5s ease-in-out, text-align 0.5s ease-in-out, cursor 0.5s ease-in-out, user-select 0.5s ease-in-out";
      });
    </script>
  </body>
</html>
```

Program: 10

Aim: Create a HTML Page to display a new image and text when the mouse comes over the existing content in the page using JavaScript Event Handling.

```
<html>
<head>
<script type="text/javascript">
function ShowIt(imgsrc)
{
document.getElementById('imageshow').
src = imgsrc;
document.getElementById('imageshow').
style.display = "block";
}
function hideIt()
{
document.getElementById('imageshow').
style.display = "none";
}
```

<script>

<head>

<body>

<div style="text-align: center; font-family:

Century Gothic; cursor: pointer;">

('https://ajce.in/home/images/Slide02.jpg')

On mouse over="showIt(1)">

<b> Amal Jyothi College of Engineering </b>

<div><br>

<image style="margin-left: 50px;"

src="pic3" width="500px" height="500px"

<id="imagesShow">

</body>

</html>

Result:

Program has been Executed and Output was Verified.

Output

Amal Jyothi College of Engineering  
(CobodI)  
(StartD)



11/12/29

High way between modern airport  
between two

## Program 11

Aim - Create a HTML Page to Show Online Exam Using JavaScript

```
<HTML>
<head>
<title> Online Exam 2</title>
<script language="JavaScript">
Function exam(form)
{
    Var i=0;
    If (form.one[2].checked)
        i=i+1;
    If (form.three[0].checked)
        i=i+1;
    If (form.four[0].checked)
        i=i+1;
    If (form.five[1].checked)
        i=i+1;
```

```
window.alert("exam is finished.....  
your score is :" + i);  
}  
</script>  
<(head)>  
<body bgcolor="green">  
<form onsubmit="exam(this)">  
<(center)><h1>WELCOME TO EXAM </h1><(center)>  
<p><h1>1. Which is platform independent  
language? </h1>  
<input type="radio" name="One" value="C++"  
id="q1" required>  
<(label)> C++ <(label)>  
<input type="radio" name="One" value="Java">  
<(label)> Java <(label)>  
<input type="radio" name="One" value="C">  
<(label)> C <(label)>  
<input type="radio" name="One" value="Python">
```

<label> Python </label>

</p>

<p>

<h1>2. which is class of all class in Java? </h1>

<input type="radio" name="three" value="Object"  
id="q2" required>

<label> Object </label>

<input type="radio" name="three" value="math">

<label> math </label>

<input type="radio" name="three" value="System">

<label> System </label>

<input type="radio" name="three" value="graphics">

<label> graphics </label>

</p>

<p>

<h1> 3. Frame Package is in which package? </h1>

<input type="radio" name="four" value="awt"  
id="q3" required>

<label> awt </label>

<input type="radio" name="four" value="applet">

<label> applet </label>

<input type="radio" name="four" value="Swings">

<label> Swings </label>

<input type="radio" name="four" value="Lang">

<label> Lang </label> <p>

<p>

<h1> 4. Java doesn't Support? </h1>

<input type="radio" name="five" value="Inheritance"

id="Q4" required>

<label> Inheritance </label>

<input type="radio" name="five" value="multiple  
Inheritance">

<label> multiple Inheritance </label>

<input type="radio" name="five" value="Polymorphism">

<label> Polymorphism </label>

<input type="radio" name="five" value="Encryption">

<label> Encryption </label>

<input>

<center>

<input type="Submit" value="Submit">

<input type="reset" value="Reset" /> </center>

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

## Result

Program has been verified and Output is

Executed

(combination)

onward

219 31389 120019

310019219

browww219

browww219 (one)

hostess

# Output

WELCOME TO EXAM

(C:\boot)

(C:\boot)

1. Which is platform independent language?

Java

2. Which is class of all class in Java?

Object

3. Frame package is in which package?

java.awt

4. Java doesn't support?

Inheritance

multiple inheritance

Polymorphism

Encryption

## Program : 12

Aim: Develop a registration form Using php  
And do necessary validations.

```
<?php
```

```
$con = mysqli_connect('localhost', 'root', '',  
    'eloa') or die("error");  
?>
```

```
<html>
```

```
<head>
```

```
<title> Sign up form </title>
```

```
<link rel="stylesheet" href="css/reg.css">
```

```
<Styles>
```

```
.Form
```

```
{
```

```
Position: Absolute;
```

```
top: 50px;
```

```
left: 500px;
```

```
background-color: White;
```

```
Padding: 20px;
```

```
border-radius: 25px;
```

```
}
```

```
    error  
    {  
        font-size: bold;  
        color: red;  
    }  
  
< /style>  
  
< script type="text/javascript">  
function registration()  
{  
  
    var Pwd_Expression = /^(?= *[A-Z])(?= *[a-z])  
    (?= *[^$!.^&*-])$/;  
  
    var letters = /^[A-Za-z]+$/;  
  
    var filter = /^[a-zA-Z0-9_!@#$%^&*-]+@[a-zA-Z0-9_!@#$%^&*-]+\.[a-zA-Z0-9_!@#$%^&*-]{2,4}+$/;  
  
    var reg_dob = /^[1-9]\d{2}(0[1-9]|1[0-2])\d{2}\d{2}$/;  
  
    var regulate = /\d{2}([1-9])\d{2}([1-9])\d{2}([1-9])\d{2}([1-9])$/;  
  
    var allowedExtensions = /(.(JPG|JPEG|PNG|GIF))$/i;
```

If (document.getElementById("name").value  
== "")

{

document.getElementById("demo").innerHTML =

'Please Enter your name';

return false;

}

else if (!letters.test(document.getElementById("name").value))

{

document.getElementById("demo").innerHTML

= "name field Required Only Alphabet character";

return false;

}

else if (document.getElementById("gender").  
value == "")

{

document.getElementById("demo").innerHTML

= "Please Enter Gender";

return false;

}

```
else if (document.getElementById("address").  
value == '')
```

{

```
document.getElementById("demo").innerHTML  
= "please Enter your Address";  
return false;
```

}

```
else if (!letters.test(document.getElementById  
("address").value)).
```

{

```
document.getElementById("demo").innerHTML  
= "address feild Required Only Alphabet characters";  
return false;
```

}

```
else if (document.getElementById("dob").  
value == '')
```

{

```
document.getElementById("demo").innerHTML =  
"please Enter a valid date";  
return false;
```

}

```
        elseif (document.getElementById("email").value  
                == '')
```

{

```
    document.getElementById("demo").innerHTML =
```

```
    'Please enter your User Email id';
```

```
    return false;
```

}

```
    elseif (!filter.test(document.getElementById  
        ("email").value))
```

{

```
    document.getElementById("demo").innerHTML =
```

```
    'Invalid Email';
```

```
    return false;
```

}

```
    elseif (document.getElementById("phone").value  
            == '')
```

{

```
    document.getElementById("demo").innerHTML =
```

```
    'Please Enter User name!';
```

```
    return false;
```

}

```
        else if (!regmob.test(document.getElementById("phone").value)) {
            document.getElementById("demo").innerHTML =
                "please enter 10 digit mobile number only";
            return false;
        }

        else if (!allowedExtensions.exec(document.
            getElementById("pic").value))
        {
            alert("Please Upload file having extensions .jpeg/
                .jpg/.png/.gif only.");
            document.getElementById("pic").value = "*";
            return false;
        }

        else if (document.getElementById("uname").
            value == "") {
            document.getElementById("demo").innerHTML =
                "Please enter the user name.";
```

```
return false;  
}  
else if (!letters.test(document.getElementById("uname").value == ''))  
{  
    document.getElementById("demo").innerHTML  
    = "User name field required only alphabet  
    (characters)";  
    return false;  
}  
else if (document.getElementById("pass").value  
        == '')  
{  
    document.getElementById("demo").innerHTML  
    = "please enter Password";  
    return false;  
}  
else if (document.getElementById("cpass").value  
        == '')  
{  
    document.getElementById("demo").innerHTML
```

```
    : 'Enter Confirm Password';
    return false;
}

else if (!Pwd_expression.test (document.getElementById ("pass").value)),
{
    document.getElementById ("demo").innerHTML =
        'UpperCase, Lower Case, Special Character and {6+} numeric letter are required in password field';
    return false;
}

else if (document.getElementById ("pass").value.length < 6),
{
    document.getElementById ("demo").innerHTML =
        'Password minimum length is 6';
    return false;
}

else if (document.getElementById ("Cpass").value.length > 12),
{
}
```

document.getElementById("demo").innerHTML

= "Password max length 12",

return false;

}

else if (document.getElementById("Pass").value.

!= document.getElementById("Pass").value).

{

document.getElementById("demo").innerHTML

= "Password not matched";

return false;

}

else.

{

document.getElementById("demo").innerHTML=

"Thank you for registering!",

return true;

}

3

</script>

</head>

<body><center>

```
<div class="frm">  
< form action="registerf.php" method="POST"  
name="frm" enctype="multipart/form-data"  
onSubmit="return registration();">  
<h2> Sign Up </h2>  
<div class="error"><p id="demo"></p></div>  
<table border="0" align="center">  
<tr>  
<td> <label> name: </label> <td>  
<td> <input type="text" placeholder="Enter the  
first name" name="name" id="name"></td>  
</tr>  
<tr>  
<td> <label> Gender: </label> <td>  
<td> <input type="radio" id="gender" name="gender"  
value="male" checked/> male  
<input type="radio" id="gender" name="gender"  
value="female"/> female <br> <td> </td>
```

<tr>  
<td><label> address: </label></td>  
<td> <text area rows="5" cols="22" B  
placeholder="Enter your address" id="address"  
name="address"> </text area> </td> </tr>  
</tr>  
<td><label> Date of birth: </label></td>  
<td> <input type="date" id="dob" name="dob" type="date"/>  
</td> </tr>  
</tr>  
<td><label> Email address: </label></td>  
<td> <input type="text" placeholder="Enter  
the Email Id" id="email" name="email"> </td>  
</td>  
</tr>  
<td><label> Phone no: </label></td>  
<td> <input type="text" placeholder="Enter  
the Phone number" id="phone" name="phone">  
</td> </tr>  
<td><label> upload Profile Pic </label></td>  
<td> <input type="file" id="Pic" name="Pic"> </td>

```
<tr>
<td><label>User name:</label></td>
<td><input type="text" id="Uname" name="Uname">
</td></tr>

<tr>
<td><label> Password:</label></td>
<td><input name="Pass" type="password"
id="pass"/></td></tr>

<br>
<tr>
<td><label> Confirm Password:</label></td>
<td><input name="C Pass" type="password"
id="C pass" placeholder="Re-enter your
Password"/></td><br>
</tr>
<td colspan="2" style="text-align: center;">
<input type="submit" value="Register" /></td>
</tr></table>
</form><div><center>
<body></body>
```

C? PHP

if (!isset(\$\_POST["click"]))

{

\$name = \$\_POST ["name"];

\$gen = \$\_POST ["gender"];

\$address = \$\_POST ["address"];

\$dob = \$\_POST ["dob"];

\$email = \$\_POST ["email"];

\$phone = \$\_POST ["uname"];

\$pass = \$\_POST ["pass"];

\$filename = \$FILES ["pic"] [ "name" ];

\$tempname = \$FILES ["pic"] [ "tmp\_name" ]

\* \$frame = "max /". \$filename;  
\* folder

Sql: \* select \* from login where Username:

\$funame);

\$result = mysqli\_query (\$con, \$sql2);

\$Count = mysqli\_num\_rows (\$result);

IF (\$Count > 0)

{

```
?>
<script>
alert ("Username already in use");
</script>

<?php
{
else
{
$SQL = "insert into register (name, gender, address,
dob, mail, phone, photo) values ('$name',
'$gen', '$address', '$dob', '$email',
'$phone', '$filename'),
IF (mysql_query ($con, $SQL)).
{
move_uploaded_file ($tempname, $folder);
$SQL = "insert into login
IF (mysql_query ($con, $SQL))
{
IF (headers_sent ())
{
die (<script type="text/javascript">
```

```
window.location.href = "login.php?e=1"
```

```
<(script);
```

```
}
```

```
else {
```

```
header ("Location: login.php?e=1");
```

```
die();
```

```
}
```

```
}
```

```
else {
```

```
?>
```

```
<script>
```

```
Alert ("error");
```

```
</script>
```

```
<?php
```

```
?
```

```
?
```

```
?
```

```
mysql_close ($con);
```

```
?>
```

Result:

Program has been executed and Output is verified.

Output

(913)

(Create)

## Findit Signup

Name:

Gender: Male (Male) Female (Female) (913)

Address:

Date of Birth  
2 Aug 2000 00:00:00

Email address:

Phone no:

Upload Profile Pic

Username:

Password:

Confirm Password:

Program: 13

Aim Compose Electricity bill from user input  
based on a given tariff using PHP.

<HTML>

<head>

<title>Calculate Electricity bill</title>

</head>

<?php

\$result\_str = \$result = '';

if (isset(\$\_POST['unit-submit']))

{

\$units = \$\_POST['units'];

if (\$empty(\$units))

{

\$result = calculate\_bill(\$units);

\$result - Str = 'total Units Used:'. \$units;

\$res = 'total bill amount'. \$result;

}

}

function calculate\_bill (\$units)

{

\$unit\_cost\_first = 3.50;

$\$unit\_cost\_Second = 4.00;$

$\$unit\_cost\_third = 5.20;$

$\$unit\_cost\_Fourth = 6.50;$

IF ( $\$units \leq 50$ )

{

$bill = \$units * \$unit\_cost\_First;$

}

Elseif ( $\$units > 50 \& \& \$units \leq 100$ )

{

$\$temp = 50 * \$unit\_cost\_First;$

$\$remaining\_Units = \$units - 50;$

$\$bill = \$temp + (\$remaining\_Units * \$unit\_cost\_Second);$

}

Elseif ( $\$units > 100 \& \& \$units \leq 200$ )

{

$\$temp = (50 * 3.5) + (100 * \$unit\_cost\_Second);$

$\$remaining\_Units = \$units - 150;$

$\$bill = \$temp + (\$remaining\_Units * \$unit\_cost\_Third);$

}

```
else  
{
```

```
    $temp = (50 * 3.5) + (100 * $unit_cost_second);  
    ($100 + $unit_cost_third);
```

```
    $remaining_units = $units - 250;
```

```
    $bill = $temp + ($remaining_units * $unit_cost_fourth);
```

```
}
```

```
return number_format((float)$bill, 2, ',', ','),
```

```
{
```

```
?>
```

```
<body>
```

```
<div id="page-wrap">
```

```
<h1> Electricity Bill </h1>
```

```
<form action="" method="Post" id="quiz-form">
```

```
<input type="number" name="Units" id="Units"  
placeholder="Enter no. of units" required />
```

```
<input type="Submit" name="Unit-Submit"
```

```
id="Unit-Submit" value="Submit" />
```

```
</form>
```

<div>

<?php echo '<br/>'. \$result-str; ?><br/>  
<?php echo '<br/>'. \$res; ?>

<(div)

<ldiv>

<body>

</html>

0241D

0241Bm

initial

control prior to read

0241D pass

0241Bm pass

### Result

Program has been executed and Output  
is Verified.

0241D

EN=onlv, notime = pass

ES=onlv, NYAD = pass

EC=onlv, initin = pass

## Output

Electricity Bill	
12	Submit

total Unit is used 12

total bill amount 42.0

Program: 14

Aim: Build a PHP code to store name of Students in an array and display it using Print\_r function, sort and display the same using asort & arsort functions

```
<html>
<body>
<?php
$names = Array ("nilchi", "akku", "malchu");
Sort ($names);
$length = Count ($names);
for ($x = 0; $x < $length; $x++)
{
Echo $names[$x];
Echo "<br>";
}
Echo " Sorted using &values";
Echo "<br>";
$age = Array ("nilchi" => "25", "akku" => "17",
"malchu" => "23");
```

```
Qsort(@age);
```

```
foreach ($age as $x => $x_value) {
```

```
    echo "key = " . $x;
```

```
    echo "<br>;
```

```
}
```

```
echo "<br>;
```

Sorted Using Values And is descending Order;

```
echo "<br>;
```

```
$age = array ("nikhi" => "35", "alkku" => "37",  
              "malcku" => "43");
```

```
Qsort($age);
```

```
foreach ($age as $x => $x_value) {
```

```
    echo "key = " . $x, "value = " . $x_value;
```

```
    echo "<br>;
```

```
}
```

```
?>
```

```
</body>
```

```
</html>
```

Result: Program has been Executed and Output was Verified.

## Output

AKKU

MAKKU

NIKHI

Sorted Using Values

key = AKKU

key = MAKU

Key = NIKHI and want max val

key = Sorted Using Values And in Descending Order

key = MAKU , value = 43

key = AKKU , value = 37

key = NIKHI , value = 35

### Program 15:

Aim: build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.

```
<?php  
function html_table ($data = array ())  
{  
    $rows = array ();  
    foreach ($data as $row)  
    {  
        $cells = array ();  
        foreach ($row as $cell)  
        {  
            $cells[] = "<td>{$cell}</td>";  
        }  
        $row[] = "<tr>".implode ("", $cells)."</tr>";  
    }  
    return "<table border='1px' class='html-table'>  
        ".implode ("", $rows)."  
    </table>";  
}  
  
$data = array (array ('<b>Cricket players</b>'));
```

array ('Virender Sehwag'), array ('Rohit Sharma'),  
array ('KL Rahul'), array ("Rishabh Pant"), );

Echo htmlspecialchars(\$data);

Result

Program has been Executed and Output  
was Verified.

## Output

Cricket players
Virat kholi
Rohit Sharma
KL Rahul
Rishabh Pant

## Program 16

Aim: Develop a php program to connect to a database and retrieve data from a table and show the details in a neat format.

<html>

<body>

<?php

\$ Servername = "localhost";

\$ Username = "root";

\$ Password = " ";

\$ dname = "info";

\$ conn = new mysqli (\$Servername, \$Username,

\$ Password, \$dname);

If (\$conn -> Connect\_error)

{

die ("Connection Failed : ". \$conn->Connect\_error);

}

\$ SQL = "Select \* from 'User'";

\$ result = \$conn -> query (\$SQL);

if (\$result -> num\_rows > 0)

echo "<table border='1'>

<tr>

<th> id</th>

<th> name</th> first last name

<th> Contact #</th>  
\$i information

</tr>";

while (\$row = mysql\_fetch\_array(\$result))

{

echo "<tr>";

echo "<td>";  
\$row['id'] information

echo "<td>". \$row ['name']. "</td>";

echo "<td>". \$row ['Contact']. "</td>";

echo "</tr>";

\$

echo "</table>";

}

?>

</body> </html>

Result: The Program has been executed and the output  
was Verified.

Output

1d

(name) old contactno :-

RAMU

xxx \* xxxxxx

2

RAJU

xx \* xx xxxxx

high and between add one more or  
beginner can

## Program 17

Aim: Develop web applications using HTML and PHP and deploy.

```
<html>
<head>
<title> Simple Web Application </title>
</head>
<body>
<form action="#" align="center" method="post">
<b> Your Salary: </b> <input type="text"
name="Salary" value="" />
<b> Total month: </b> <input type="text"
name="months" value="" />
<input type="Submit" name="Submit"
value="calculate" /> </form>
</body>
</html>
```

<?php ?>

if isset(\$\_POST['submit']))

{

\$Sal = \$\_POST['Salary'];

\$month = \$\_POST['month'];

\$result = \$Sal \* \$month;

echo "Your total Salary is : " . \$result;

?>

Result: The program has been executed and

The output was verified.

## Output

(Y = period start) and

Simple web application	<td>
	<td>   <td>
your Salary	<td> 101   <td>
Total month	<td> 12   <td>
	<td> calculate   <td>
	<td> Your total salary is : 1212   <td>
	<td>   <td>

: " <td> . [ ' b1' ] work . " <td> and

: " <td> . [ ' a1' ] work . " <td> and

: " <td> and

{}

: " <td> and

{}

< /td > < /td >

{}

high level language based modern approach of programming

## Program 14

Aim: Using PHP and MySQL, develop a program to accept book information via accession number, title, authors, edition and publisher from a webpage and store the information in a database and to search for a book with the title specified by the user and to display the search results with proper headings.

Information.html

```
<html>
<head>
<title> ONLINE BOOK SEARCH (WEBSITE </title>
</head>
<body>
<div>
<center><h1> Add Book </h1>
<form action = "book-exe.php" method="post">
<label> Accession number </label>
<input type = "text" name = "admission"
required = "true" />
```

```
<label> title </label>
```

```
<input type="text" name="title" required="true"/>
```

```
<label> Authors </label>
```

```
<input type="text" name="Author" required="true"/>
```

```
<label> edition </label>
```

```
<input type="text" name="edition" required="true"/>
```

```
<label> Publisher </label>
```

```
<input type="text" name="publish" required="true"/>
```

```
<br>
```

```
<button type="Submit" href="#"> Submit </button>
```

```
</form>
```

```
</center>
```

```
</div>
```

```
</body>
```

```
</html>
```

```
<script> alert('Success')</script>
```

```
<script>
```

```
</script>
```

# book-exe.php

<?php

```
$con = mysqli_connect ('localhost', 'root', ''  
    . 'liba') or die ("error");
```

```
$admission = $_POST['admission'];
```

```
$title = $_POST['title'];
```

```
$author = $_POST['author'];
```

```
$edition = $_POST['edition'];
```

```
$publish = $_POST['publish'];
```

```
$SQL = Select * From book where title = '$title'  
and edition = '$edition';
```

```
$query = mysqli_query ($con, $SQL);
```

```
$count = mysqli_num_rows ($query);
```

```
If ($count > 0)
```

```
{
```

```
?>
```

```
<script> alert ("book already added");
```

```
</script>
```

```
<?php
```

```
header ("location: book information.html");
}

else
{
    $details = "Insert into book (address, title,
author, edition, Publisher) Values ('$address',
'$title', '$author', '$edition', '$publish')";
    if (mysql_query ($con, $details))
    {
        ?>
<script>
    alert ("book added successfully");
</script>

<?php
    header ("location: book information.html");
}
}

mysql_close ($con);
?>
```

## Search.php

```
<?php  
  
$con = mysqli_connect('localhost', 'root', '',  
'liba') or die("error");  
  
?>  
  
<html>  
<body>  
<div>  
<form method='post' action="#">  
<div>  
<label>Title</label>  
<input id="Search data" type="text" name="title"  
required="true"><div><br>  
<button type="Submit" name="Search"  
id="submit"> Search </button>  
  
</form>  
<div>  
<?php  
if (isset($_POST['Search'])) {  
{
```

```
title = $_POST['title'];
?>
<h4 align="center"> Result Against  
$title  
@php
echo $title;
?></h4>
<center><table border="1px" cellpadding="10px">
<thead>
<tr>
<th> Accession No. </th>
<th> Title </th>
<th> Author </th>
<th> Edition </th>
<th> Publisher </th>
</tr>
</thead>
<tbody>
<?php
$SQL="Select * from book where title='$title'";
$query=mysqli_query($con,$SQL);

```

```
while ($row = mysqli_fetch_array($query))  
{  
    <tr>  
        <td> <?php echo '$row['accession']; ?> </td>  
        <td> <?php echo ($row['title']); ?> </td>  
        <td> <?php echo ($row['author']); ?> </td>  
        <td> <?php echo ($row['edition']); ?>  
            </td>  
        <td> <?php echo ($row['Publisher']); ?>  
    </tr>  
}</?php  
}  
?>
```

<!--entry -->

</table>

</div>

</div>

</body>

</html>

Result. The program has been Executed and  
The output was verified.

# Output

equation 2

(CC: 'imano' ] T209-\$ ) 1920 77

Information.html X

?

: [Cronaca] T209-\$ = 1920 \$  
Add Book.

: [Htman] T209-\$ = Htman \$

Accession number

1920

Title

Htman \$ "et alia" later was "on" \$

Author

Edition

1

Publisher

1920 between me and morpoh ant fitness

now tagno of

merging of records, update and add data via  
index.php or insert.php and update.php of  
 handling the edits, maintain, edit, remove  
 in notes title edit and expand a, more  
 new book root Search name of book search is  
 judged by the user self or best guess SHH ent  
 ered in against words  
Result Against words name ent

accession	title	author	edition	Publisher
111	ads	Robert	1	clark Swales
112	ads	Robert	2	clark clark swales

(H1) > 3812830/1128A38 1008 111100  
 (H1) > 1008 1128 (H1) (ads)  
 (H1) > Robert "ads" < H1>  
 (H1) > Robert "ads" < H1>

(H1) > Robert "ads" < H1>  
 "ads" = ads "ads" = ads in H1  
 <1 "ads" = ads