Date : 06-01-2021

Program No : 1

AIM : HTML program to implement different tags.

```
<html>
<head><title> this is a tag page </title>
</head>
<body>
<h1> This is my first program </h1>
<p><b><i> this is just a paragraph </i></b></p>
<p><strong> this is a strong tag </strong></p>
<p><em> this is an emphasized tag </em></p>
<small> this is content is small </small>
<p> this content will be <del> deleted </p>
<p> this content will be <ins> inserted </p>
<p> this content will be <sub> suscripted </p>
<font face = "verdan" size = "12" color = "red">
this is example of font tag </font></body></html>
```

Result : The program has been executed and the output was verified.

Output :-

this is a tag page

This is my first program

this is just a paragraph

this is a strong tag

this is an emphasized tag

this content is small

this content will be ~~deleted~~

this content will be inserted

this content will be subscripted

this is the example of font tag

Date : 06-01-2021

Program NO : 2

AIM :- HTML program to link different HTML pages.

```
<html>
<head> <title> demonstrate hyperlink </title>
</head>
<body>
<a href = "tag.html"> first program </a>
</body>
</html>
```

Result : The program has been executed and the output was verified.

Output

first

- demonstrate hyperlink

first program

Date: 06-01-2021

Program-No: 30

AIM: HTML program to create table.

```
<html>
<head> <title> This is a table </title>
</head>
<body>
<table style = "width, 20%">
<caption> Personal Information </caption>
<tr> <th> First name </th> <th> Last name </th>
<th> Age </th> </tr>
<tr> <td> Hari </td> <td> Krish </td> <td> 20
</td> </tr>
<tr> <td> Anu </td> <td > Ravi </td> <td>
 30 </td> </tr>
</table>
</body>
</html>
```

Result: The program has been executed and the output was verified.

Output

This is a table	

personal Information

Firstname	Lastname	Age
Hari	krish	20
Anu	Ravi	30

Date - 06-01-2021

Program No: 4

AIM : HTML Program to create list

```
<html>
<head><title> list </title></head>
<body>
<h1> unordered list </h1>
<ul>
 <li> html </li>
<li> css </li> </ul>
<h2> ordered list </h2>
<ol type="a" ><li> php </li><li> python </li>
</ol> <h1> description list </h1>
<dd> <dt> Windows </dt>
<dd> This is a paid operating system which is
     commonly used </dd> <
</body>
</html>
```

Result : The program has been executed and the output was verified.

Output

- list

Unordered list

- html
- CSS

ordered list

a. php
b. python

description list

Windows

This is a paid operating system which is commonly used.

Date : 12-01-2021

Program NO: 5

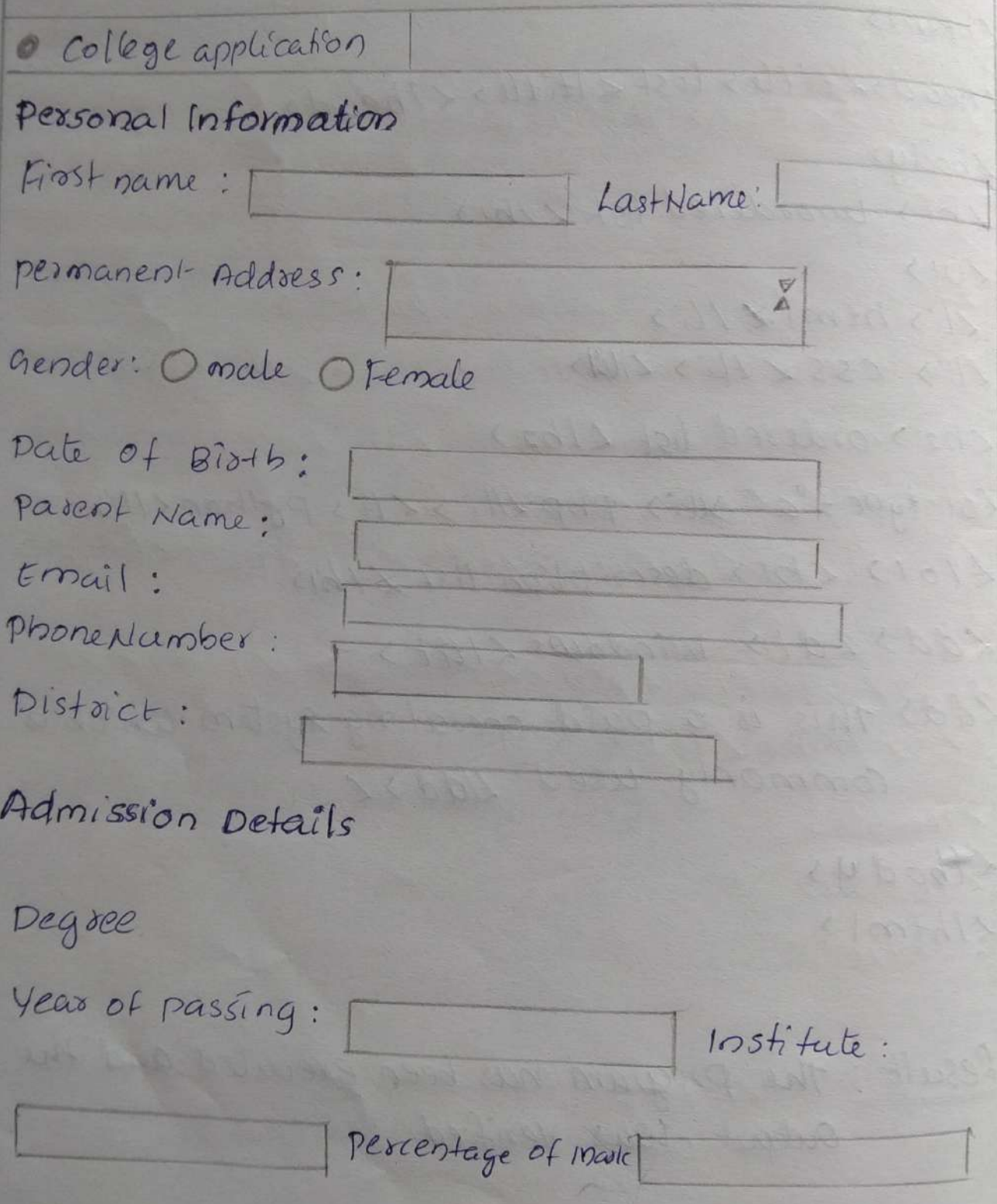
AIM : create a form for taking admission to a college using HTML.

```
<html>
<head> <title> college application </title> </head>
<body> <h3> personal information </h3>
<form>
First name : <input type = "text" name = "first name"/>
Last name : <input type = "text" name = "last name"/>
</br> </br>
permanent Address : <textarea name = "address" >
</textarea> </br> </br>
Gender : <input type = "radio" name = "male"
value = "male" > Male <input type = "radio"
name = "female" > Female </br> </br>
Date of Birth : <input type = "text" name = "dob" />
</br> </br> parent name : <input type = "text"
name = "name" /> </br> </br>
Email : <input type = "text" name = "email" , </br>
phone number : <input type = "text" name = "phonenumber",
```

</br> </br>
District : <input type = "text" name = "district" />
<h3> Addmission details </h3> Course :
<select name = "dropdown" > <option value
<option value = "Msc computerscience " selected >
Msc computer science </option>
<option value = "Mcom "> Mcom </option>
<option value = "MCA" > MCA </option>
<option Value = "Mtech > Mtech </option </select>
<h3> Academic Details </h3>
<h4> Degree </h4>
Year of passing < input type = "text" name = "year" />
Institute : < input type = "text name = "name />
percentage of Mark : < input type = "text" name=
"mark /> </br> <h4> SSLC </h4>
Year of passing : < input type = "text" name = "year" />
Institute : < input type = "text" name = name />
Percentage of mark : < input type = "text" name = "mark
</br> </form </body> </html>

Result : The program has been executed and the output was verified.

output:


College application
Personal Information
First name :
LastName :
permanent Address :
Gender : male Female
Date of Birth :
Parent Name :
Email :
PhoneNumber :
District :
Admission Details
Degree
Year of passing :
Institute :
Percentage of Mark

Higher secondary

Year of Passing: [ ] Institute: [ ]

Percentage of Mark [ ]

SSLC

Year of passing: [ ] Institute: [ ]

Percentage of Mark: [ ]

Submit

Date : 12-01-2021

Program NO : 6

AIM :- Create a html page with four frames and the first frame should have an hyperlink, second frame should have an image, third frame should have table and fourth frame should have an employee registration form.

Frame 1

```
<html>
<head><title> next page </title></head>
<h3> Links </h3>
<body bgcolor = "pink">
<p><a href = "list.html"> visit the page </a></p>
<p><a href = "https://www.w3schools.com">
    click here </a></p> </body></html>
```

Frame 2

```
<html>
<body>
<h2> Image and Animated image </h2>
<p> HTML allows moving images: </p>
```

<img src = "C:\User\Lenovo\desktop\programming.gif"
alt = "computer man" style = "width: 48 px; height: 48px">

<img src = "E:\Harikuttan\photos\Natur\3rd-display-112.jpg
alt = "flower" width = "300". height = "300">
</body></html>

Frame 4

<html>
<head><title>registration form</title>
</head><body><h3>New employee registration</h3>
<form>
Name : <input type = "text" name = "user name" />

 permanent address : <textarea = "address">
</textarea>
 Date of Birth : <input type = "text"
name = "dob" />
 Gender : <input type = "radio"
name = "male" value = "male" > Male
<input type = "radio" name = "female" value = "female">
Female
 Email : <input type = "text" name.
name = "email" />

Password : <input type = "text" name = "password" />

 confirm password : <input type = "text"

name = "confirm" /> </br>
<input type = "submit" value = "submit" />
</form> </body> </html>

Last Frame

<html>
<head> <title> frames </title>
</head>
<frame set cols = "200, *, *, * ">
<frame name = "first frame" src = "link.html" />
<frame name = "second frame" src = "img.html" />
<frame name = "third frame" src = "table.htm" />
<frame name = "forth frame" src = "reg.html" />
<no frames>
<body> The browser you are working does not support frames. </body> </no frames>
</frameset>
</html>

Result : The program has been executed and the output was verified.

Output

next page

Links

Visit the page

Click here

Animated Images

HTML allows making images

Personal information

Firstname	Lastname
Hari	Krish
Anu	Ravi

New employee Registration

Name :

Permanent Address

Date of Birth

Gender

Email

Password

Submit.

Date: 19-01-2021

Program NO : 7

AIM : Create an html page with inline, external and internal style sheet.

```
<html>
<head>
<title> Playing with Inline Styles </title>
<link rel = " stylesheet " type = " text/css " href="page.css">
</head> <style>
<body>
body {text-align : center ; }
h1 {color : blue ; }
</style>
< p style = " color : blue ; font-size : 46 px ; ">
<h1> <i> WELCOME TO OUR NEW COURSE </i></h1>
</p> <h2> <strong> HTML & CSS </strong ></h2>
<h3> Let's start </h3> <h4> Join Now </h4>
<h5> Enrollment is open for June-month </b>
<i> This is a golden opportunity </i></b5>
</body>
</html>
```

page.css

```
body
{
background-imag:url("https://metrowui.org.ua/images
/web-development.svg");

background-repeat :no repeat;
background-attachment: scroll;
}
h2
{
color :red;
text-align :center;
font-size =80;
}
h3
{
color: black;
text-align: right;
font-size =80;
}
h4
{
text-shadow :2px 2,3
}
```

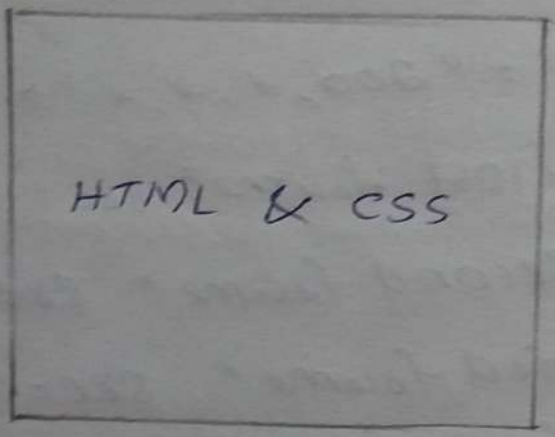
```
h5
{
text-align: left;
color: orange;
}
```

Result: The program has been executed and the output was verified.

Output

@ Playing with inline styles	

WELCOME TO OUR NEW COURSE



Let's start

Join Now

Enrollment is open for June march

This is a golden opportunity.

Date: 20-01-2021

Program No: 8

AIM: HTML program to implement If else statement using Javascript.

```
<html>
<body>
<script language = "Javascript" type = "text/Javascript">
var x=12
var y = 18
If(x==y){
document.write("x and y are equal")
}
else{
document.write("x and y are not equal")
}
</script></body>
</html>
```

Result: The program has been executed and output was verified.

Output-

x and y are not equal

Date : 20-01-2021

Program No: 9

AIM: HTML program to implement local and global variable.

```
<html>
<body>
<script language="javascript" type="text/javascript">
var x=10
var gl = "global"  // global variable
document.write(x)
function chsc()
{
var lo = "local"  // local variable
document.write(lo)
}
document.write(gl)
chsc()
</script></body></html>
```

Result: The program has been executed and the output was verified.

Output

10 Global local

20-01-2021

Program No: 10

AIM: HTML program to implement the assay concept.

```
<html>
<body>
<p id = "demo"></p>
<script language = "javascript" type = "text/javascript">
var x = ["maruthi", "tata", "apple", "blue"];
var z = x.length;
document.getElementById("demo").innerHTML = x[0];
document.write(z);
var y = x.sort();
document.getElementById("demo").innerHTML = y;
</script>
</body>
</html>
```

Result: The program has been executed and output was verified.

output

apple, blue, maruthi, tata

Date : 28-01-2021

Program No : 11

AIM : HTML code to find the even numbers between 1 to 100 using javascript.

```
<html>
<body>
<script language = "javascript" type = "text/javascript">
var i
for(i = 1; i<=100; i++)
if(i%.2 ==0)
document. write(i + " ")
</script>
</body>
</html>
```

Result : The program has been executed and the output was verified.

Output

2 4 6 8 10 12 14 16 18 20 22 24 26

28 30 32 34 38 40 42 44 46 48 50
52 54 56 58 60 62 64 66 68 70 72 74
76 78 80 82 84 86 88 90 92 94 96
98 100

Date: 26-01-2021

Program NO: 12

AIM: HTML code to find count of letter "E" in a given string.

```
<html>
<body>
<script language = "javascript" type = "text/javascript">
var str1 = "come let us play"
document.write(str1.split("e").length-1)
</script>
</body>
</html>
```

Result: The program has been executed and the output was verified.

Output

2

Date : 26-01-2021

program NO : 13

AIM : HTML code to find the prime numbers between 1 to 100.

```
<html>
<body>
<script language = "javascript" type="text/javascript">
var n, i
for(n=2; n<=100; n++)
{
 var c=true;
for(i=2; i<n; i++)
{
 if(n%.i ==0)
 {
  c= false;
  break;
 }
}
 if(c)
 {
 document.write(n + " ")
 }
```

```
}
</script>
</body>
</html>
```

Result: The program has been executed and the output was verified.

Output

2 3 5 7 11 13 17 19 23 29 31 37 41 43 47

53 59 61 67 71 73 79 83 89 97

Date : 05-01-2021

Program NO : 14

AIM : Generate a calender using javascript by getting the year from the user.

```
<html>
<head> <title> calender of given year </title>
<script language = "javascript" type = "text/javascript">
function gecalender()
{
Var year = document.getElementById('year').value;
Var month = new Array();
month[0] = "January";
mont[1] = "february";
mont[2] = "march";
mont[3] = "apri";
mont[4] = "may";
mont[5] = "June";
mont[6] = "July";
mont[7] = "August";
mont[8] = "september";
```

```
mont[9] = "oktober";
mont[10] = "november";
mont[11] = "december";
document.write("<h1> Calender - year " + year + "</h1>");
document.write("<table> <tr>");
for(month = 0; month <12; month++)
{
dt = new Date(year, month, 01);
var first-day = dt.getDay();
dt.SetMonth(month+1, 0);
var last-date = dt.getDate();
var dte = 1;
if(month == 4 || month == 8)
{
document.write("<tr> </tr>");
}
document.write("<td");
document.write("table border = '1'><tr> <td>
Sun </td> <td> mon </td> <tue </td><td> wed
</td> thou <td> thu </td> <td> fri </td>
```

```
<td> sat </td>
for(i=0; i<=41; i++)
{
if(i%7==0)
{
document.write("</tr><tr>");
}
if((i>=first_day) && (dte<=last_date))
{
document.write("<td>" + dte + "</td>");
dte = dte+1;
}
else
{
document.write("<td> * </td>");
}}
document.write("</tr></table>");
document.write("</td>");
document.write("</tr></table>");
}
}
</script>
```

```
</head>
<body>
<p><input type="text" id="year" placeholder
="enter year YYYY" /></p>
<p><input type="button" value="Calender"
onclick="calender()" /></p>
</body>
</html>
```

Result: The program has been executed and the output was verified.

Output

- calendar of a given year

2011

Calender

Callender - year - 2011

January

su	mon	tue	wed	thu	fri	sat
*	*	*	*	*	*	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	*	*	*	*	*

February

su	mon	tue	wed	thu	fri	sat
*	*	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	*	*	*	*
*						

March

Su	mon	tue	wed	thu	Fri	Sat

April

Sun	Mon	tue	wed	th	fri	Sa

may

Su	mon	tue	wed	thu	Fri	Sat

June

Su	mon	tue	wed	th	fri	sat

July

Su	mon	tue	wed	th	Fri	Sat

August

Su	mon	tue	wed	thu	Fri	Sat

September

Su	mon	tue	wed	thu	Fri	Sat

October

Su	mon	tue	wed	thu	fri	Sa

November

Su	mon	tue	wed	th	fri	Sat

December

Su	mon	tue	tie	thu	fi	Sat

Date: 05-02-2021

program No: 15

AIM: Create a html page to calculate the total marks of student by getting marks of 5 subjects from the user and then show the total marks to the user.

```
<html>
<head> <title> students marks </title>
</head> <script language = "javascript"
type = "text/javascript";
function msum() {
var num1 = document.getElementsByName("mark1")[0].value;
var num2 = document.getElementsByName("mark2")[0].value;
var num3 = document.getElementsByName("mark3")[0].value;
var num4 = document.getElementsByName("mark4")[0].value;
var num5 = document.getElementsByName("mark5")[0].value;
var sum = Number(num1) + Number(num2) + Number(num3)
+ Number(num4) + Number(num5);
document.getElementsByName("sum")[0].value = sum;
```

```
}
</script>
</head>
<body>
<form action=" ">
<h3> mark </h3>
<br>

<label for = "web" ><b> Advanced Software Engineering
</b> </label>

<input type = "text" name="mark1" id = "web" required>
</br></br>
<label for = " ds " <b> Advanced Data Structure </b>
</label> <input type = "text" name = "mark2"
id = "ds" required></br></br>
<label for = "python" <b> Digital fundamentals </b>
</label>
<input type = "text" id = "pq" name = "mark3"
required></br></br>

<label for = " android " ><b> mathematical foundation
</b></label>
<input type = "text" name = "mark4" id = "an"
```

</br></br>

<label for = "web"> web programming lab </label>

<input type = "text" name = "mark5" id = "javascript required></br></br>

<input type = "button" class = "registerbtn"

onclick = "mSum()" value = "Total marks">

<hr>

<label for = "total"> Total marks </label>

<input type = "text" id = "total" name = "sum">

</form>

</body>

</html>

Result: The program has been executed and the output was verified.

Output

Student marks	

Mark	
Advanced software engineering	
Advanced Data structures	
Digital fundamentals	
Mathematical foundation	
web programming lab	
Total marks	

Program No : 16

AIM : HTML Program to implement variables using Javascript.

```
<html>
<body>
<script language = "javascript" type = "text/javascript">
var x = 10
var y = 12.8
var name = "amal jyothi"
var z = {first name : "Anu", last name : Das"}
document.write(x)
document.write(y)
document.write(name)
document.write(z.first name)
document.write(type of (x))
</script></body></html>
```

Result : The program has been executed and the output was verified.

Output

10 128 amar jyothi Das

Program No : 17

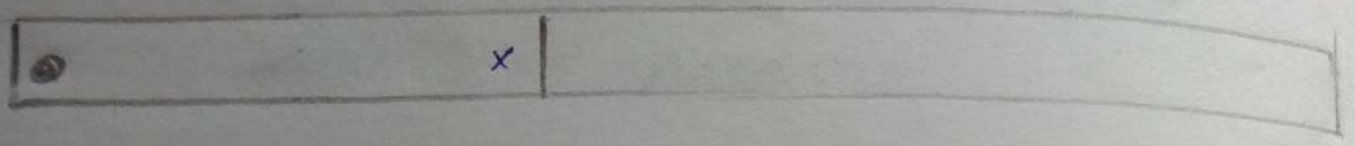
AIM: HTML program to implement to do while and for loop.

```
<html>
<body>
<script language = "javascript" type = "text/javascript">
var c = 0
document write ("This is starting the loop")
do {
document.write ("current count is ", c+"")
while (c < 5)
document.write ("the loop stopped <br>")
var x = 0
document.write ("this is while loop <br>")
while (n < 8)
{
```

```
document.write("count is " + x + "<br>")
x++
}
document.write("this is for loop <br>")
for (z = 0, z < 12, z++)
{
document.write("count" + z + "<br>")
}
document.write("end for loop")
</script>
</body>
</html>
```

Result : The program has been executed and the output was verified.

Output



This is starting the loop

Current count is : 0

Current count is : 1

Current count is : 2

Current count is : 3

Current count is : 4

the loop stopped.

this is while loop

count is : 0

Count is : 1

count is : 2

Count is : 3

Count is : 4

count is : 5

count is : 6

count is : 7

End the loop.

This is for loop

new countis : 0

new count is : 1

new count is : 2

new count is : 3

new count is : 4

new count is : 5

new count is : 6

new count is : 7

new count is : 8

new count is : 9

new count is : 10

new count is : 11

End of the loop.

Program No : 18

AIM : HTML program to implement getElementById concept.

```
<html>
<body>
<p id="demo"></p>
<script language="javascript" type="text/javascript">

var person = { firstname : "Anu"
               lastname : "DAS"
               age : 15
               address : "pathanamthitta" };

document.getElementById("demo").inner HTML
= person.firstname + " " + person.lastname
+" is" + person.age + "yers old"

</script>
</body></html>
```

Result : The program has been executed and the output was verified.

Output

Anu Das is 15 years old.

Program NO : 19

AIM : HTML program to implement the concept of onclick

```
<html>
<head>
<script language = "javascript" type="text/java
script">

function fun()
{
document.write('hello! How are you')}
</script></head>
<body>
<form><input type="button" onclick 'fun()'
value. "Say hello" </form></body>
</html>
```

Result : The program has been executed and the output was verified.

Output

Say hellow

program No : 20

Aim: HTML program for multiply 2 numbers using function.

```
<html>
<head>
<script language="javascript" type="text/javascript">
function mul(a,b)
{
return a*b;
}
</script></head>
<body>
<script language="Javascript" type="text/javascript">

var x = mul(2,6)
document.write(x)
</script></body></html>
```

Result: The program has been executed and the output was verified.

output-

40.

Program No : 21

AIM : HTML Program to implement the coust of CSS.

```
<html>
<head>
<link rel = "stylesheet" href = "style.css">
<title> Registration page </title>
</head>
<style>
.btn2
{
background-color : Red;
border : none;
Padding : 10px, 20px
text-align : center
text-decoration : none;
display : inline-black;
font-size : 18 px
margin : 1 PX, 2 px
cursor : pointer;
}
</style>
```

```
<body>
<form action = " " method = "POST">
<fieldset>
<div style = "background-image: url('q.jpg');">
<h1 style = "color : blue;"> Registration Form </h1>
<label> firstname </label><input type = "text"
name = "first name". size = "10" /> <br>
<label> last name : </label><input type = "text"
name = "last name". size = "10" /> <br>
<label> course : </label> <selection><option value =
"course"> course </option>
<option value = "BCA"> BCA </option></select><br>
<label> Gender </label> <br>
<input type = "radio" name = "male" /> male <br>
<input type = "radio" name = "female" /> female <br>
<label> phone : </label>
<input type = "text" name = "code" value = "+91" />
<input type = "text" name = "phone" size = "10" />
<br>
Email <input type = "email". id = email
name = "email" /> <br>
```

<password> <input type = "password" id="password"
name = "password" /b

Re-type password <input type = "password"
id = "repass" name = "repass"

<input type = "button" value = "submit" class="btn">
<input type = "button" value = "reset" class="btn" >

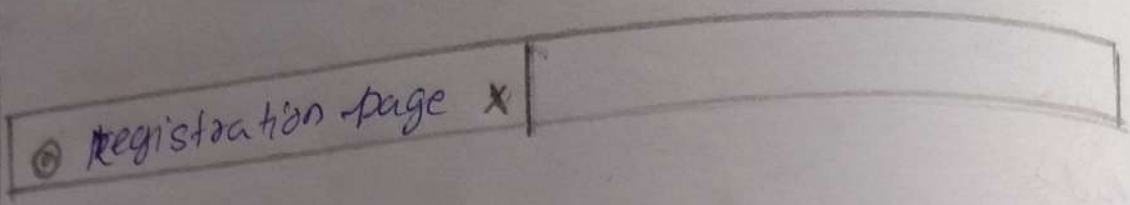
</form>
</body>
</html>

style.css

.btn
{
background color : pink;
border : none;
Color : blue
Padding : 13px 20px
text align : center
display : inline-block;
Font size: 16 px
Margin : 4px 2px
cursor : Pointer }

Result: The program has been executed and the output was verified.

Output



Registration Form

First Name

last name

Course

Gender

- Male
- Female

Phone

Email id

Password

Re-type password

Submit Reset

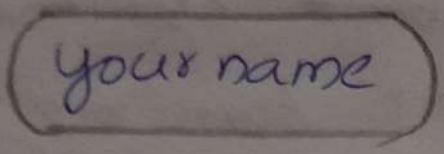
program No: 22

AIM: HTML program to implement input functions

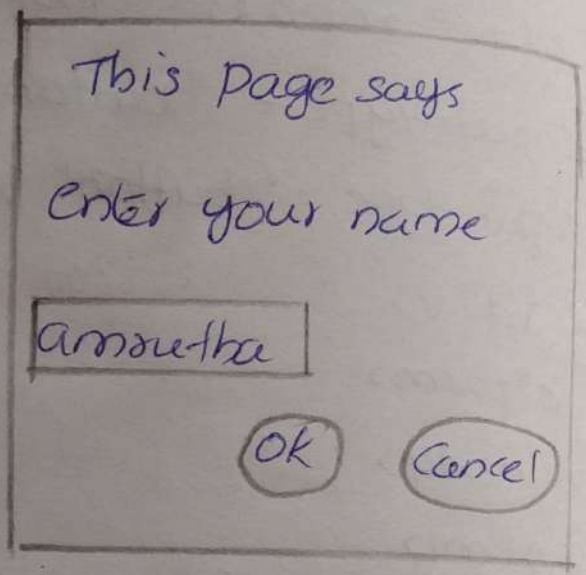
```
<html>
<body>
<button onclick="                    "> your name </button>
<p id="demo"> </p>
<script language="Javascript" type="text/Javascript">
function func() {
var P = prompt("enter your name:", "anonymous");
if (P != null) {
document.getElementById("demo").innerHTML
="Hello" + P + "how are you?"
}}
</script>
</body></html>
```

Result: The program has been executed and the output was verified.

Output



Hello anuutha how are you



Program No : 23

AIM: html Program to create a list [redacted] using Javascript

```
<html>
<body>
<p id = "demo"> </p>
<script >
var x = [" [redacted] ", " Maruthi ", " flat ", " Tata ", 'bonda"]
var t = " a
var i ;
for(i =0; i< x . length; i++)
{
 t = "<i>" + x[i] + " </i> " }
document. getElementById ("demo"). innerHTML
 =t </script>
</body></html>
```

Result : The program has been executed and the output was verified.

Output

- BMW
- Maruthi
- Fiat
- Tata
- Honda

Program No : 24

AIM : HTML program to perform some functions on list

```
<html>
<head>
<p id="demo"</p>
<script>
var x = ["apple", "banana", "mango"]
var z = ["brinjal", "potato", "onion"]
x push ("lemon")
x(x.length) = "chikku".
x[3] = "watermelon"
x.pop()
x.shift()  x.unsbift("organge")
x.splice(20, "chikku", "kiwi")
x.reverse()
var y = x to string();
var z = x.contact(x);
document.getElementBYId("demo").inner HTML
   = x.to string()
```

```
document.getElementById("demo").innerHTML
=x[0];
document.getElementById("demo").innerHTML=x[0];
document.getElementById("demo").innerHTML=x;
document.getElementById("demo").innerHTML=a;
</script>
</body>
</html>
```

Result: The program has been executed and the output was verified.

output

watermelon, mango, kivi, chikku, banana, orange,
bengal, potato, onion.

program No: 25

AIM: PHP program to connect to a database and retrieve data from a table and show that details in a neat format.

```
<html>
<body>
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "into";
$conn = new mysqli($servername, $username,
        $password, $dbname)
if ($conn->connect_error) {
  die ("connection failed:", $conn->connect_error);
}
$sql ="SELECT * FROM 'names
$result = $conn->query($sql);
if($result->num_rows > 0) {
```

```
echo "<table border = '1'>
<tr>
<th>id</th>
<th>name</th>
<th>contact</th></tr>

while($row = mysql_fetch_array($result)

{
echo "<tr">
echo "<td">.$row['id']. "</td>";
echo "<td>'. $row['name']. "</td";
echo '<td>" $row[ 'contact']. '</td>
} echo "</table">

}
?>
</body>
</html>
```

Result: The program has been execute and the output was verified.

Output

Id	Name	Contact
1	Achu	9449717687
2	Das	7510242632
3	Kavya	9778447034
4	Ammu	7347286768

Program No : 26

AIM : Php Program to develop a registration form and do necessary validation.

validate.php

```
<phtml>
<body>
<form action = "signup.php" method='post'>
Username : <input type="text" name="username" />
<br> Email : <input type = "text" name: "Email" />
<br> Passwood : <input type = "text" name="passwo
Confiom passwood : <input type = "text" name=conpass />
<input type = "submit" value = "register" />
</form>
</body>
</html>
```

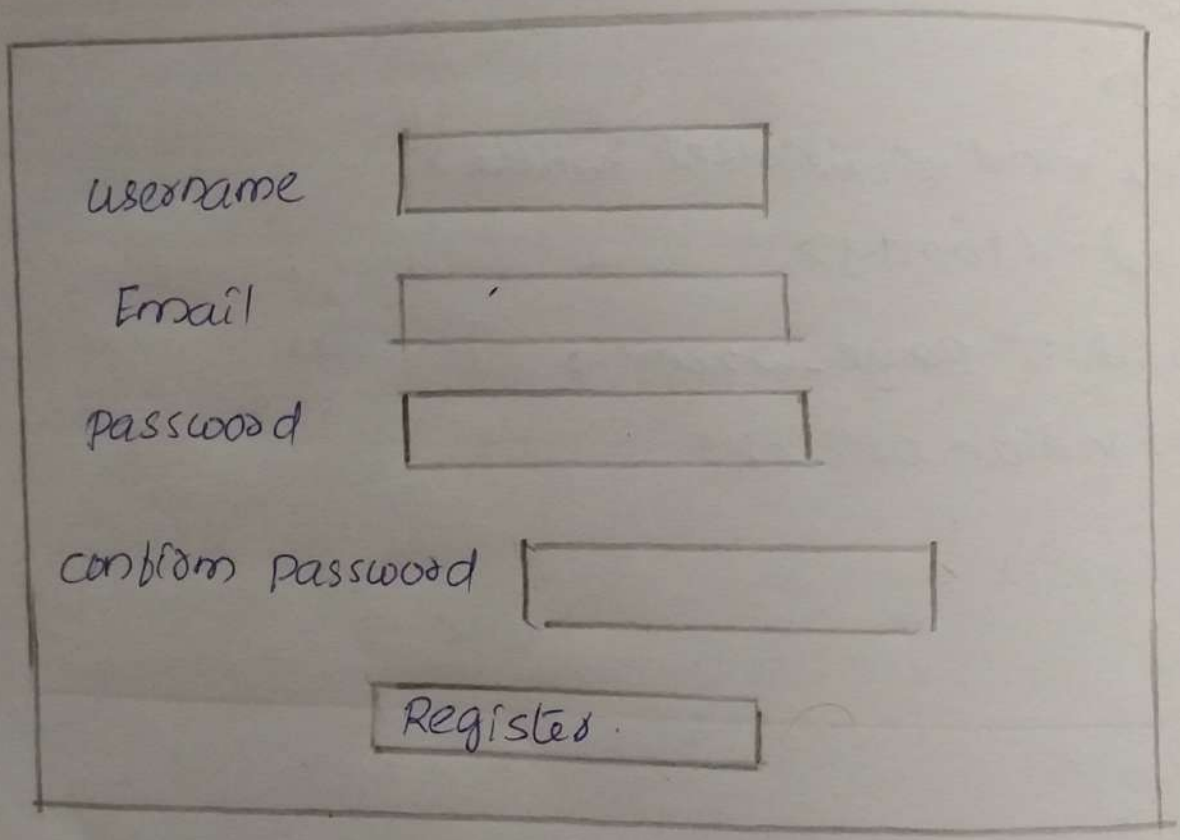
signup.php

```
$data = $_post,
```

```
if (empty ($data ['username'])
  empty ($data ['password'])
  empty ($data ['email']
  empty ($ddata ['confiom'])
  [illegible]
  die ("please fill all request field");
 }
if ($data ['password'] !== $date ['password confiom'])
{
else ('password and confiom pass word should not
                    match!');
}
?>
```

Result : The program has been executed and the output was verified.

output



program NO : 27

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 amount of" $units '-'
 $result;
}
}
function calculate_bill ($units) {
```

```
$unit_cost_first = 3.50;
$unit_cost_second = 4.00;
$unit_cost_third = 5.20
$unit_cost_fourth = 6.50;

if($units <= 50)
{
$bill = $units * $unit_cost_first;
}
else if($units > 50 && $units <= 100) {
$temp = 50 * $unit_cost_first;
$remaining_units = $units - 50;
$bill = $temp + ($remaining_units * $unit_cost_
        second);
}

else if($unit > 100 && $units <= 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> php - Calculate Electricity Bill </h1>

<form action = "" method = "post" id = "quiz-form">
<input type = "number" name = "units" id = "units"
placeholder = "please enter no: of units" />
<input type = "submit" name = "unit-submit"
  id = "unit-submit" value = "submit" />
```

</form>

<?php echo '1'.$result_str;?>

</td>

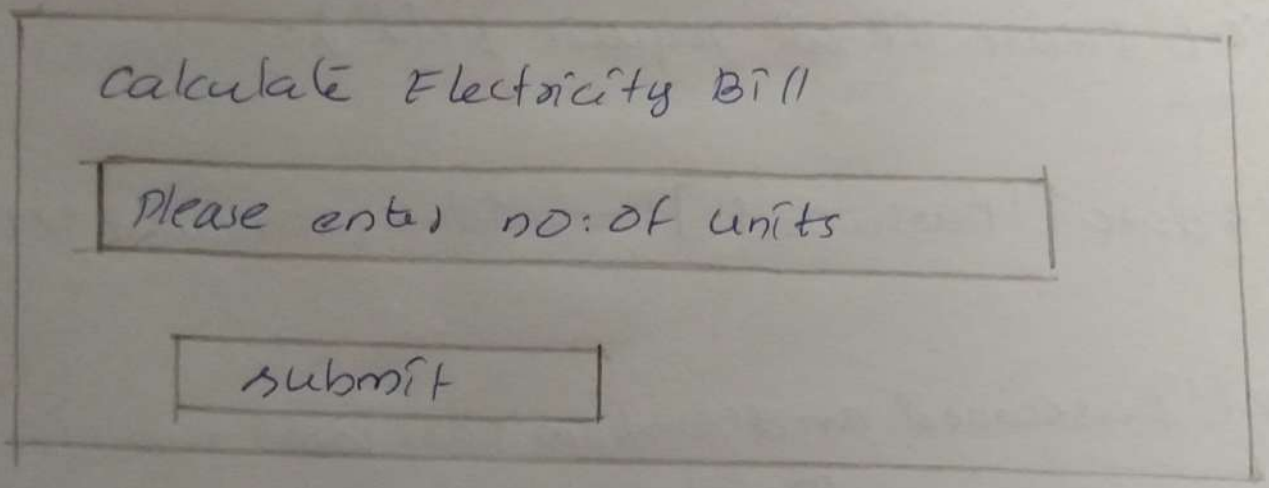
</table>

</body>

</html>

Result: The program has been executed and the output was verified.

Output


Calculate Electricity Bill
Please enter no: of units
submit

Program No: 28

AIM: Build a PHP code to store name of Indian Cricket Players in an array and display the same in HTML table.

```
<html>
<head><title> Indian cricket</title>
</head>
<body>
<div id = "page-wrap">
<h1> Indian Cricket</h1>
<form action = "printname.php" method = 'post'>
<input type = "text" name = "pname1" id = "pname1"
Placeholder = "Enter name of Player" /><br>
<input type = "text" name = "pname2" id = "pname2"
Placeholder = "Enter a name of Player" /><br>
<input type = "text" name = "pname3" id = "pname3"
Placeholder = "Enter a name of Player" /><br>
<input type = "text" name = "pname4" id = "pname4"
Placeholder = "Enter a name of Players" />
```

```
<br> <input type = "Submit" name = "submit"
value = "Submit">
</form>
<body>
</html>


<? php
$name1 = $_POST ['Pname1']
$name2 = $_POST ['Pname2']
$name3 = $_POST ['Pname3']
$name4 = $_POST ['Pname4']
$name5 = $_POST ['Pname5']
$myArray = Array ($name1, $name2, $name3,
$name4, $name5) ?>
<table border = "1">
<tr>
<th> id </th>
<th> Name </th>
</tr> <? php
$x = 1
for ($i = 0; $i < 5; $i++)
{
  ?>
```

```
<tr>
<td><?php echo $x;?></td>
<td><?php echo $myArray[$i];?></td>
</tr>
<?php $x++;} ?>
</table>
```

Result : The program has been executed and the output was verified.

output

id	Name
1	Dhoni
2	Virat
3	Sachin
4	Rohit
5	Sourav

Program NO : 29

AIM: Buid 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 and arsort functions.

```
<html>
<body>
<?php
$name = array('achu', 'dony', 'zelin', 'kevin');
echo "<br>"
print_r($name);
echo "<br>"
asort($name)
echo "<br>"
foreach( $name as $x => $x_value) {
each "key=". $x ", value =". $x_value
echo "<br>"
}
```

```
asort($name);
echo "<br>";
echo "<br>";
foreach($name as $x => $x_value){
echo "key=" $x ", value="$x_value
echo "<br>"
}
?>
```

Output

Array([0] => Achu [1] => dony [2] => Zelin [3] => Kevin)

key = 0, value = Achu

key = 1, value = dony

key = 2, value = Kevin

key = 3, value = Zelin

key = 3, value = Zelin

key = 2, value = Kevin

key = 1, value = dony

key = 0, value = Achu.

program No : 30

AIM : Using PHP and mysql, develop a program to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with title specified by the user and to display the search results with proper headings.

DB connection Php

```
<? Php
define ('DB-SERVEIR', 'localhost :3306');
define('DB-USERNAME', 'root');
define('DB-PASSWORD', "");
define ('DB-DATABASE', 'books');
$db = mysqli-connect (DB-SERVER, DB-USERNAME,
    DB-PASSWORD, DB-DATABASE);
?>
<br>
```

EnterBook.php

```
<html>
<body>
<center><h2> simple library management </h2>
</center>
<form action = "inseat Book.php" method = 'POST'>
<table border = 2 align = center cellpadding = '5'>
<tr>
<td> Accision No </td>
<td> Name <input type = "text" name = "accin"
  size = "4" > </td></tr>
<tr>
<td> title </td>
<td> <input type = "text" name = "title" size = "40">
 </td></tr><tr></tr> <td> Author </td><td>
<input type = "text" name = "author" size = "40"></td>
</tr><tr> <td> publication </td>
<td> <input type = "submit" value = "submit">
<input type = "Reset" value = "Reset">
</td></tr>
</table>
</form>
</body>
</html>
```

Inseot Book.php

```
<?php
include ("DB connection.php")
$Accession $_POST ["accession"],
$title $_POST ["title"]
$ author $_POST ["author"]
$edition $_POST ["edition"]
$publication $_POST['publication']
$query = "Inseot into book_info(accession, tittle,
    author, edition, publication) value ($accession,
$title, $ author, $ edition, $ publication)";
$result = mysql_query ($db_query);
?>
```

Display Book.php

```
<html>
<body bgcolor = "orange">
<center> <h2> Simple library management system
</h2> </center>
<?php
include ("DB connection Php")
```

```
$search = $_request("search")
$query = "select * from book into where
title like '%$search%';

$result = mysqli_query ($db, $query);
if(mysqli_num_rows($result)>0)
if(mysqli_num_rows($result)>0
{
?>

<table border = "2" align = "center" cellpadding = "4"
cell padding = "4" >

<tr>
<th> AccessionNo </th>
<th> Title </th>
<th> Author </th>
<th> edition </th>
<th> publication </th>
</tr>
<? php while $row = mysql_fetch_array ($result)
} ?>
</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["publication"] ?></td>
</tr>
<?php
}
}
else
echo "No book found";
?>
</table>
</body>
</html>
```

Seach book.php

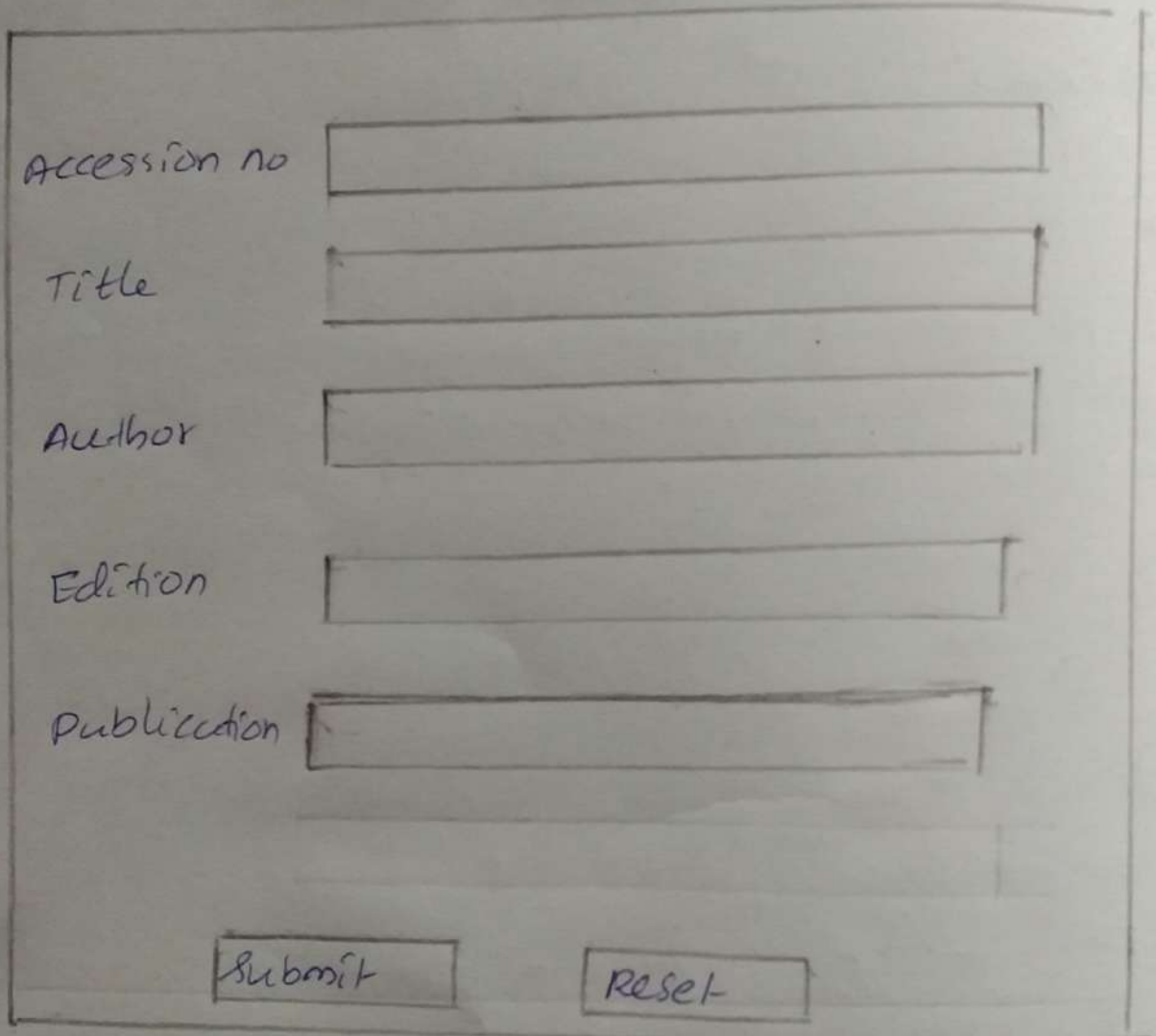
```
<html>
<body bg color = "orange">
<center><h2> simple library management
</h2></center>
```

```
<form action = "Display book.php" method="get">
<br>
<center> Enter the title of the book to searched
<input type = "text" name = "search" size = 40>
<br>
<input type = "submit" value = "submit">
<input type = "reset" value = "rest">
</center>
</form>
</body>
</html>
```

Result: The program has been executed and the output was verified.

Output

Simple library management



Simple library management System

Enter the title of the book to be searched