

Output:-

tag page

This is my first Program

This is my first Program

this is just a paragraph...

this is just a paragraph...

emphasized tag... paragraph...

Small tag

the content will be deleted

the content will be inserted

the content will be subscripted

the content will be superscripted

Font tag

Date: 06-01-2021

Program No: 1

Aim: HTML Program to implement different tags

```
<html>
```

```
<head> <title> tag page </title> </head>
```

```
<body> <h1> This is my first program </h1>
```

```
<h2> This is my first program </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>
```

```
<p> the content will be <sup> superscripted </sup> </p>
```

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

```
</body>
```

```
</html>
```

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

Output:-

First Program

Output:-

This is a table

First name	Last name	dob
Bicha	Abraham	
Anjali	Abraham	10 Nov 1998
Shaini	Abraham	23 oct 1960

Date: 06-01-2021

Programs No: 2

Aim: HTML program to link different HTML page.

```
<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.

Date: 06-01-2021

Programs No: 3

Aim: HTML program to create table

```
<html>
<head> <title> shows table. </title> </head>
<body> <h1> This is a table </h1>
<table style = "width 80%">
<caption> personal information </caption>
<tr> <th> First name </th> <th> Last name </th> <th> dob </th> </tr>
<tr> <td> Anjali </td> <td> Abraham </td> <td> 10 Nov 1998 </td> </tr>
<tr> <td> Shaini </td> <td> Abraham </td> <td> 23 oct 1960 </td> </tr>
</table>
</body>
</html>
```

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

Output :-

Unordered list

- html
- css
- Java

Ordered list

- a. php
- b. python
- c. android

Description List

Windows

This is a paid operating system which is commonly used.

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> <li> Java </li> </ul>
<h2> ordered list </h2>
<ol type = 'a'> <li> php </li> <li> python </li> <li> android </li> </ol>
<h1> Description list </h1>
<dl> <dt> windows </dt>
<dd> This is a paid operating system which is commonly used.
</dd> </dl>
</body>
</html>
```

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

Output :-

This is my first This is my first This is just a this is just a emphasize tag small tag the content will be the content will be the content will be the content will be font tag	Frame		
--	-------	--	--

Date: 06-01-2021

Program No: 5

Aim: HTML program to create a frame

```
<html>
<head>
<title> This is a frame </title>
</head>
<frameset cols = "250, 300, *, 200">
<frame src = "tag.html" name = "first frame"/>
<frame src = "link.html" name = "second frame"/>
<frame src = "image.jpg" name = "third frame"/>
<frame src = "image2.jpg" name = "fourth frame"/>
</frameset>
<body> Your browser of device does not support frames </body>
</frameset>
</html>
```

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

Output :-

First name

Middlename

Last name

Gender

☐ Male

☐ Female

☐ others

Phone

Address

Email

Date: 06-01-2021

Program No: 6

aim: HTML program to create a registration form

```
<html>
<head> <title> Registration form </title> </head>
<body bgcolor="light blue"> <br> <br>
<form>
<label> First name </label>
<input type="text" name="firstname"/> <br>
<label> Middle name </label>
<input type="text" name="middlename"/> <br>
<label> Last name </label>
<input type="text" name="lastname"/> <br>
<label> Gender </label>
<input type="radio" name="gender" value="male"/> Male <br>
<input type="radio" name="gender" value="female"/> Female <br>
<input type="radio" name="gender" value="others"/> Others <br>
<label> Phone </label> <input type="text" name="phone" size="10"/>
<br> <label> Address </label>
<textarea cols="60" rows="5" value="address"> </textarea>
<br> <label> Email </label>
<input type="email" id="email" name="email"/> <br>
<input type="button" value="submit"/>
</form>
</body>
</html>
```

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



Output :-

### Student Registration Form

First name   
 Middle name   
 Last name   
 Date of Birth   
 Email ID   
 Mobile Number   
 Gender ☐ Male ☐ Female  
 Name of Guardian/Parent   
 Address   
 City   
 PIN Code   
 State   
 Nationality   

Sl No	Examination Board	Percentage	Year of Passing
1	Class x	<input type="text"/>	<input type="text"/>
2	Class xii	<input type="text"/>	<input type="text"/>

 Courses Applied For

Date: 12-01-2021

Program No: 7

Aim: HTML program to create a form for taking admissions to a college.

```

<html>
<head>
<title> Student Registration Form </title>
</head>
<h3> student Registration Form </h3>
<table align="center" cellpadding="10">
<tr><td> First name </td>
<td><input type="text" name="first name" maxlength="30"/>
</td></tr>
<tr><td> Middle name </td><td>
<input type="text" name="middle name" maxlength="30"/> </td></tr>
<tr><td> Last name </td><td>
<input type="text" name="last name" maxlength="30"/> </td></tr>
<tr><td> Date of Birth </td><td>
<input type="text" name="dob"/> </td></tr>
<tr><td> Email id </td><td>
<input type="text" name="email id" maxlength="100"/> </td></tr>
<tr><td> Gender </td><td>
<input type="radio" name="gender" value="Male"/> Male
<input type="radio" name="gender" value="Female"/> Female </td></tr>
<tr><td> mobile number </td><td>
<input type="text" name="mobile number" maxlength="10"/>
</td></tr>
<tr><td> Name of Guardian </td><td>
<input type="text" name="Name" maxlength="50"/> </td></tr>

```

```

<td> Address <br/> <br/> </td>
<td> <textarea name="address" rows="4" cols="30"> </textarea> </td>
</tr> <tr> <td> city </td> <td>
<input type="text" name="city" maxlength="30"/> </td> </tr>
<tr> <td> PIN code </td> <td>
<input type="text" name="pin" maxlength="6"/> </td> </tr>
<tr> <td> state </td> <td>
<input type="text" name="state" maxlength="30"/> </td> </tr>
<tr> <td> Nationality </td> <td>
<input type="text" name="country" value="India" Readonly="Readonly"/>
</td> </tr> <tr> <td> Qualification <br/> <br/> <br/> <br/> <br/> </td>
<td> <table> <tr> <td align="center"> <b> S.No </b> </td>
<td align="center"> <b> Examination </b> </td> <td align="center">
<b> Board </b> </td> <td align="center"> <b> Percentage </b> </td>
<td align="center"> <b> year of Passing </b> </td> </tr> <tr> <td> 1 </td>
<td> Class X </td> <td>
<input type="text" name="classX_Board" maxlength="30"/> </td> <td>
<input type="text" name="classX_Percent" maxlength="30"/> </td> <td>
<input type="text" name="classX_YearofPassing" maxlength="30"/> </td> </tr>
</table> <tr> <td> course <br/> Applied for </td>
<td> <select> <option value="BCA"> BCA </option> &
<option value="B.Com"> B.Com </option> <option value="B.Sc"> B.Sc </option>
<option value="BA"> BA </option> <option value="B.Tech"> B.Tech </option>
</select> </td> </tr> <tr> <td colspan="2" align="center">
<input type="submit" value="Submit"> </td> </tr> </table>
</form> </body> </html>.

```

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

Output:-

Sl No.	Name	Age	Job
1	Anjali	22	Student
2	Bechu	27	Teacher
3	Abraham	50	Farmer
4	Shaini	42	Tailor

First name:

Middle name:

Last name:

Gender: ☐ Male ☐ Female ☐ Other

Contact no:

Address:

Email:

District:

Date: 12-01-2021

Program: 8

Aim: HTML Program to create four frames. First frame should have a hyperlink, second frame should have an image, third frame should have a table and fourth frame should have employee registration form.

```
<html>
<head><title> frame </title>
<head>
<frameset cols="50%,50%" rows="50%,50%">
<frame src="link.html">
<frame src="image.html">
<frame src="table.html">
<frame src="form.html">
</frameset>
</html>
```

link.html

```
<html>
<head>
<title> Hyperlink </title> </head>
<body> <br/> <center>
<a href="https://www.w3schools.com/"> website </a>
</center> </body> </html>
```



### image.html

```
<html>
<body>

</body>
</html>
```

### table.html

```
<html>
<head> <title> table </title> </head>
<body> <center> <table border="2"> <tr>
<th> Sl. No: </th> <th> Name </th> <th> Age </th> <th> Job </th>
</tr> <tr> <td> 1 </td> <td> Anjali </td> <td> 22 </td>
<td> student </td> </tr> <tr> <td> 2 </td> <td> Bichu </td>
<td> 27 </td> <td> Teacher </td> </tr> <tr> <td> 3 </td>
<td> Abraham </td> <td> 50 </td> <td> Farmer </td> </tr>
<tr> <td> 4 </td> <td> shaini </td> <td> 42 </td> <td> Tailor </td>
</tr> </table> </center> </body> </html>
```

### forms.html

```
<html>
<head>
<title> Registration form </title> </head>
<body bgcolor="pink"> <br> <br> <form>
First name: <input type="text" name="firstname" size="15"/>
<br> <br> Middle name: <input type="text" name="middle name" size="15"/>
<br> <br> Last name: <input type="text" name="last name" size="15"/>
```

<br><br><br> Gender:

<input type="radio" name="gender"/> Male

<input type="radio" name="gender"/> Female

<input type="radio" name="gender"/> Other <br><br>

Contact no: <input type="text" name="phone" size="10"/> <br><br>

Address: <br><textarea cols="40" rows="5" value="address">

</textarea> <br><br> Email: <input type="email" id="email"

name="email"/> <br><br><br> District: <input type="text"

name="district"> </form> </body>

</html>

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

Output:-

x and y are not equal

Date: 19-01-2021

Program No: 9

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 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

the loop end

this is for loop

new count is: 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

end of for loop

Date: 19-01-2021

Program No: 10

Aim: HTML program to implement do while, while and for loop.

```
<html>
<body>
<script language="JavaScript" type="text/javascript">
var c=0;
document.write("This is starting the loop <br>");
do {
document.write("Current count is: " + c + " <br>");
c++;
} while (c<5)
document.write("The loop stopped <br>");
var x=0;
document.write("This is while loop <br>");
while (x<8)
{
document.write("Count is: " + x + " <br>");
x++;
}
document.write("the loop end <br>");
var z;
document.write("this is for loop <br>");
for (z=0; z<10; z++)
{
document.write("new count is: " + z + " <br>");
}
document.write("end for loop");
</script> </body>
</html>
```

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



Output :-

10 128 amal jyothi Anjali c Number

Date: 19-01-2021

Program No: 11

Aim: HTML Program to implement variables using javascript

```
<html>
<body>
<script language="javascript" type="text/javascript">
var x=10 ;
var y=128 ;
var name="amal jyothi"
var z = { first name: "Anjali c", last name: "Abraham" }
document.write (x); document.write (y);
document.write (name);
document.write (z.firstname);
document.write (typeof (x));
</script>
</body>
</html>
```

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

Output:-

hello Everyone ! How are you all

Output:-

next is a switch case

this is grade A

Date: 19-01-2021

Program No: 12

Aim: HTML program to implement javascript

```
<html>
<head> <title> java </title> </head>
<body>
<script language="javascript" type="text/javascript">
document.write('hello Everyone ! How are you all');
</script> </body> </html>
```

Date: 19-01-2021

Program No: 13

Aim: HTML Program to implement switch.

```
<html>
<body>
<script language="javascript" type="text/javascript">
var g="A";
document.write("next is a switch case");
switch(g) {
case 'A': document.write("<b> this is grade A <b>");
break;
case 'B': document.write("<b> this is grade B <b>");
break;
default: document.write("this is not the case");
}
</script> </body> </html>
```

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

Output :-

10

Output :-

10 global local

Date: 19-01-2021

Program No: 14

Aim: HTML Program to implement the concept of local variable

```
<html>
<body>
<script language="javascript" type="text/javascript">
var x = 10;
document.write(x);
</script> </body>
</html>
```

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

Date: 19-01-2021

Program No: 15

Aim: HTML program to implement local and global variables

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

Output :-

Sona Shiju is 15 years old

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

Date: 19-01-2021

Program No: 16

Aim: HTML Program to implement getElementById concept

```
<html>
<body>
<p id="demo"></p>
<script language="javascript" type="text/javascript">
var person = { first name: "sona", last name: "shiju", age: 15,
               address: "Koovappally" };
document.getElementById("demo").innerHTML = person.firstname + " " +
person.lastname + " is " + person.age + " years old";
</script>
</body>
</html>
```

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



Output:-

5 Good evening !! How are you ??

Date: 19-01-2021

Program No: 17

Aim: HTML program to perform search and replace function on String.

```
<html>
<body>
<script language="javascript" type="text/javascript">
var st="Good Morning !! How are you ??";
var n=st.search(/morning/i);
document.write(n);
var st1=st.replace('morning','evening');
document.write(st1);
</script>
</body>
</html>
```

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

Output :-

### Student Registration Form

First name	<input type="text"/>															
Middle name	<input type="text"/>															
Last name	<input type="text"/>															
Date of Birth	<input type="text"/>															
Email ID	<input type="text"/>															
Mobile Number	<input type="text"/>															
Gender	<input type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Other															
Name of Parent/Guardian	<input type="text"/>															
Address	<input type="text"/>															
City	<input type="text"/>															
Pin code	<input type="text"/>															
State	<input type="text"/>															
Nationality	<input type="text"/>															
Qualification	<table border="1"> <thead> <tr> <th>S.N.</th> <th>Examination</th> <th>Board</th> <th>Percentage</th> <th>Year of Passing</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>2</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </tbody> </table>	S.N.	Examination	Board	Percentage	Year of Passing	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
S.N.	Examination	Board	Percentage	Year of Passing												
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>												
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>												
Course Applied For	<input type="text" value="BCA"/>															
<input type="button" value="Submit"/>																

Date: 19-01-2021

Program No: 18.

Aim: Create an html page with inline, external and internal css in single page.

```

<html>
<head> <title> Student Registration form </title> </head>
<style>
td {
padding: 7px;
border-style: no-border;
} </style>
<link rel="stylesheet" type="text/css" href="external.css">
</link> </head> <body>
<h3> Student Registration Form </h3>
<table style="border-style:solid; border-color:green; border-radius:20px;">
<tr> <td> First name </td> <td>
<input type="text" name="First Name" maxlength="30"/> </td>
</tr> <tr> <td> Middle name </td> <td>
<input type="text" name="Middle name" maxlength="30"/> </td>
</tr> <tr> <td> Last name </td> <td>
<input type="text" name="Last name" maxlength="30"/> </td>
</tr> <tr> <td> Date of Birth </td> <td>
<input type="date" name="dob"> </td> <tr> <td> Email id </td>
<input type="text" name="Email-id" maxlength="100"/> </td> </tr>
<tr> <td> Mobile Number </td> <td>
<input type="number" name="mobile number" maxlength="10"/> </td>
</tr> <tr> <td> Gender </td>

```

```

<td><input type="radio" name="gender" value="Male"/> Male
<input type="radio" name="gender" value="Female"/> Female
</td> </td> <tr><tr> <td> Name of parent/ guardian </td>
<td><input type="text" name="Name" maxlength="50"/> </td>
</tr><td> Address <br/> <br/> <br/> </td> <td>
<textarea name="address" rows="4" cols="30"> </textarea> </td>
</tr> <tr> <td> City </td> <td>
<input type="text" name="city" maxlength="30"/> </td> </tr>
<tr> <td> PIN Code </td> <td>
<input type="text" name="PinCode" maxlength="6"/> </td> </tr>
<tr> <td> State </td> <td>
<input type="text" name="state" maxlength="30"/> </td> </tr>
<tr> <td> Nationality </td> </td>
<input type="text" name="Country" value="India" Readonly="readonly"/>
</td> </tr> <tr> <td> Qualification <br/> <br/> <br/> <br/> </td>
<td> <table> <tr> <td align="center"> <b> Sl. No </b> </td>
<td align="center"> <b> Examination </b> </td> <td align="center">
<b> Board </b> </td> <td align="center"> <b> Percentage </b> </td>
<td align="center"> <b> Year of Passing </b> </td> </tr>
<tr> <td> 1 </td> <td> Class X </td> <td>
<input type="text" name="class X-Board" maxlength="30"/> </td>
<td> <input type="text" name="class X-Percentage" maxlength="30"/>
</td> <td> <input type="text" name="class X-Year of Passing" maxlength="30"/>
</td> </tr> <tr> <td> 2 </td> <td> class XII </td>
<td> <input type="text" name="class XII-Board" maxlength="30"/>
</td> <td> <input type="text" name="class XII-Percentage"
maxlength="30"/> </td>

```



```

<td> <input type="text" name="ClassXII-Yr of Passing" maxlength="30" />
</td> </tr> </table>
<tr> <td> Courses <br/> Applied For </td>
<td> <select> <option value="BCA"> BCA </option>
<option value="B.Com"> B.Com </option> <option value="B.Sc">
B.Sc </option> <option value="B.A"> BA </option> <option value="B.Tech">
B.Tech </option> </select> </td> </tr> <tr> <td colspan="2" align="center">
<input type="submit" value="Submit" /> </td> </tr>
</table> </form>
</body>
</html>

```

external.css

```

body
{
background-image: url("students.jpg");
background-repeat: no-repeat;
color: brown;
}

```

```

h3
{
color: red;
font-size: 24px;
text-align: center;
text-decoration: underline;
}

```

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



Output :-

Say hello

Date: 26-01-2021

Program No: 19

Aim: HTML program to implement the concept of onclick

```
<html>
<head>
<script language="javascript" type="text/javascript">
function func()
{
    document.write("hello! how are you");
}
</script> </head>
<body>
<form> <input type="button" onclick="func()" value="say hello"/>
</form>
</body>
</html>
```

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

Output:-

16

Date: 26-01-2021

Program No: 20

Aim: HTML program for multiplying 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(2,8);
document.write(x);
</script> </body>
</html>
```

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

Output :-

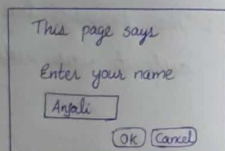
apple, honda, maruthi, tata

4

Output :-

your name

Hello Anjali how are you



Date: 26-01-2021

Programs No: 21

Aim: HTML program to implement the array concept

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

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

Date: 26-01-2021

Programs No: 22

Aim: HTML program to implement input functions

```
<html>
<body>
<button onClick="func"> Your Name </button> <p id="demo"> </p>
<script language="javascript" type="text/javascript">
function func() {
var p = prompt("Enter your name: ", "Anjali");
if (p != null) {
document.getElementById("demo").innerHTML = "Hello" + p + " how are you?";
}
}
```

Output :-

- BMW
- Maruthi
- Fiat
- Tata
- Honda

```
</script>
```

```
</body>
```

```
</html>
```

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

Date: 26/01/2021

Program No: 23

Aim: HTML program to create a list using javascript

```
<html>
```

```
<body>
```

```
<p id="demo"> </p>
```

```
<script>
```

```
<var x = ["BMW", "Maruthi", "Fiat", "Tata", "Honda"];
```

```
var t = ' ';
```

```
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 :-

watermelon, mango, kiwi, chikku, banana, orange,  
brinjal, potato, onion.

Date: 26/01/2021

Program No: 24

dim: HTML program to perform some functions on list

```
<html>
<body>
<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.unshift('orange');
x.splice(20, "chikku", "kiwi");
x.reverse();
var y = x.toString();
var a = x.concat(x);
document.getElementById("demo").innerHTML = x.toString();
document.getElementById("demo").innerHTML = x[0];
document.getElementById("demo").innerHTML = y[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 :-

Id	Name	Contact
1	Anjali	9745815575
2	Bichu	7736622429
3	Chippy	9656358989
4	Jithin	9936352735

Date: 14/02/2021

Program No: 25

Aim: PHP program to connect to a database and retrieve data from a table and show the detail in a neat format.

```
<html>
<body>
<?php
$username = "localhost";
$password = "root";
$password = "";
$dbname = "info";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error)
{
    die("connection failed: " . $conn->connect_error);
}
$sql = "select * from user";
$result = $conn->query($sql);
if ($result->num_rows > 0)
{
    echo "<table border='1'>
    <tr>
    <th> id </th>
    <th> Name </th>
    <th> Contact </th> </tr>";
    while ($row = mysqli_fetch_array($result))
    {
        echo "<tr>";
        echo "<td>". $row['id']. "</td>";
        echo "<td>". $row['name']. "</td>";
        echo "<td>". $row['contact']. "</td>";
        echo "</tr>";
    }
}
```

```
echo "</table>";
```

```
}
```

```
>
```

```
</body>
```

```
</html>
```

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

Output :-

A hand-drawn registration form. It consists of four input fields stacked vertically, each with a label to its left: 'Username', 'Email', 'Password', and 'Confirm password'. Below these fields is a rectangular button labeled 'Register'.

Date: 14/02/2021

Program No: 26

Ans: PHP program to develop a registration form and do necessary validation

validate.php

```
<html>
<body>
<form action="signup.php" method="POST">
  username: <input type="text" name="username"/> <br>
  Email: <input type="text" name="email"/> <br>
  Password: <input type="password" name="password"/> <br>
  confirm password: <input type="password" name="passwordconfirm"/> <br>
  <input type="submit" value="Register"/>
</form>
</body>
</html>
```

signup.php

```
$data = $_POST;
if (empty($data['username']) || empty($data['password']) ||
    empty($data['email']) || empty($data['confirm']))
{
    die("Please fill all request field!");
}
if ($data['password'] != $data['passwordconfirm'])
{
    die("Password and confirm password should match!");
}
?
?>
```

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



Output :-

Calculate Electricity Bill

Please Enter no. of units

Submit

Date: 14/02/2021

Program No: 27

Aim: PHP program to compose electricity bill from user input based on 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 = 6.80;

    if ($units <= 50)
    {
        $bill = $units * $unit_cost_first;
    }
    elseif ($units > 50 && $unit <= 100)
    {
        $temp = 50 * $unit_cost_first;
```

```

$remaining-units = $units - 50;
$bill = $temp + ($remaining-units * $unit-cost-second);
}
else if ($units > 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> calculate Electricity Bill </h1>
<form action = " " method = "Post">
    <input type = "number" name = "units" placeholder = 'Please enter
no. of units' />
    <input type = "submit" name = "unit-submit" value = 'submit' />
</form> </div>
<?php echo '<br/>' . $result-stx;
?>
</div> </div>
</body> </html>

```

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

Output:-

Id	Name
1	Dhoni
2	Virat
3	Sachin
4	Rohit
5	Souav

Date: 14/02/2021

Program No: 28

Aim: PHP program to store name of Indian cricket players in an array and display the same in HTML table.

```
<html>
<head>
<title> Indian Cricket Team </title> </head>
<body>
<div id = 'page-wrap'>
<h1> Indian Cricket Team </h1>
<form action = 'printname.php' method = 'post'>
<input type = 'text' name = 'pname1' placeholder = 'Enter name of player' />
<br> <input type = 'text' name = 'pname2' placeholder = 'Enter name
of player' /> <input type = 'text' name = 'pname3'
placeholder = 'Enter the name of player' /> <br>
<input type = 'text' name = 'pname4' placeholder = 'Enter name of player' />
<br> <input type = 'text' name = 'pname5' placeholder = 'Enter name
of player' /> <br>
<input type = 'submit' name = 'submit' value = 'submit'>
</form>
</div>
</body>
</html>
```

printname.php

<? php

\$name1 = \$\_POST ['pname1'];

\$name2 = \$\_POST ['pname2'];

```
$name3 = $_POST['pname3'];  
$name4 = $_POST['pname4'];  
$name5 = $_POST['pname5'];  
$myArray = array($name1, $name2, $name3, $name4, $name5);  
  
<?php  
<table border="1">  
<tr>  
<th>Id </th>  
<th>Name </th>  
</tr>  
<tr>  
<td><?php echo $x; ?>  
</td>  
<td><?php echo $myArray[$i];  
<?php  
$x++;}  
</td>  
</tr>  
</table>
```

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



Output:

Array ([0] => Peter [1] => Ben [2] => Joe)

Array ([1] => Ben [2] => Joe [0] => Peter)

Array ([0] => Peter [2] => Joe [1] => Ben)

Date: 14/02/2021

Program No: 29

Aim: PHP program to store name of student in an array and display it using print\_r function. docx and Display.

```
<html>
<head>
<title> Student Name </title>
</head>
<body>
<div id="page-wrap">
<h1> student Name </h1>
<form action="printname.php" method="post">
<input type="text" name="pname1" placeholder="Enter the name"/> <br>
<input type="text" name="pname2" placeholder="Enter the name"/> <br>
<input type="text" name="pname3" placeholder="Enter the name"/> <br>
<input type="submit" value="submit">
</form>
</div>
</body>
</html>
```

printname.php

```
<?php
$name1=$_POST['pname1'];
$name2=$_POST['pname2'];
$name3=$_POST['pname3'];
```

```
$myarray = Xray ($name1, $name2, $name3)
```

```
print_r($myarray);
```

```
asort($myarray);
```

```
print_r($myarray);
```

```
asort($myarray);
```

```
print_r($myarray);
```

```
q >
```

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

Output:-

## Simple Library Management System

Accession No	<input type="text"/>
Title	<input type="text"/>
Author	<input type="text"/>
Edition	<input type="text"/>
Publication	<input type="text"/>
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

## Simple Library Management System

Enter the title of the book to be searched

Date: 14/02/21

Program No: 30

Aim: PHP program to accept book information viz Accession number, title, author, edition and Publisher from a web page and store the information in a database and to search book with the title specified by the user and to display the search book with title proper headings.

DB Connection.php

<?php

define('DB\_SERVER', 'localhost:3306');

define('DB\_USERNAME', 'root');

define('DB\_PASSWORD', '');

define('DB\_DATABASE', 'books');

\$db = mysqli\_connect(DB\_SERVER, DB\_USERNAME, DB\_PASSWORD, DB\_DATABASE);

?>

<?>

Enter Book.php

<html>

<body bgcolor="#orange">

<center> <h2> Simple Library Management System </h2> </center>

<form action="insertionBook.php" method="post">

<table border="2" align="center" cellpadding="5" cellspacing="5">

<tr>

<td> Accession No </td>

<td> <input type="text" name="accession" size="48"> </td>

</tr>

<tr> <td> title </td>

```

<td><input type="text" name="title" size="48"></td>
</tr>
<tr><td>Edition</td>
<td><input type="text" name="edition" size="48"></td>
</tr>
<tr><td>Author</td>
<td><input type="text" name="author" size="48"></td>
</tr>
<tr><td>Publication</td>
<td><input type="text" name="publication" size="48"></td>
</tr>
<tr><td><input type="submit" value="submit">
<input type="reset" value="reset">
</td></tr>
</table>
</form>
</body>
</html>

```

Insert book.php

<9.php

```

include ("DBConnection.php");
$accession.$_POST["accession"];
$title.$_POST["title"];
$author.$_POST["author"];
$edition.$_POST["edition"];
$publication.$_POST["publication"];
$query = "insert into book-info (accession, title, author, edition, publication)
value ('$accession', '$title', '$author', '$edition', '$publication')";
$result = mysqli_query ($db, $query);

```

>



Displaybook.php.

```
<html>
```

```
<body bgcolor = 'orange'>
```

```
<center> <h2> Simple Library Management System </h2> </center>
```

```
<br>
```

```
<?php
```

```
include ("DBConnection.php");
```

```
$search = $_request ("search");
```

```
$query = select * from book info 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="5" cellspacing="5">
```

```
<tr>
```

```
<th> Accession No </th>
```

```
<th> Title </th>
```

```
<th> Author </th>
```

```
<th> Edition </th>
```

```
<th> Publication </th> </tr>
```

```
<?php
```

```
while ($row = mysqli_fetch_assoc ($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";

9>

</table>

</body>

</html>

search book.php

<html>

<body bgcolor="orange">

<center><h2>Simple Library Management system </h2></center>

<form action="Displaybook.php" method="get">

<br><center>Enter the title of the book to be searched:

<input type="text" name="search" size="40">

<br>

<input type="submit" value="submit">

<input type="Reset" value="Reset">

</center></form>

</body>

</html>

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