OUTPUT

Tag page

This is my first program

This is my first program

This is just a paragraph ...

This is just a paragraph ...

Emphasize tag... paragraph ...

small tag

The content will be ~~deleted~~

The content will be <u>inserted</u>

The content will be subscripted

The content will be superscripted

Font tag

Program No. 1

AIM : HTML program to implement different tags.

```
<html>
<head> <title> tag page </title><lhead>
<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> Emphasize 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>
<lbody>
</html>
```

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

OUTPUT

Fiast program!

PROGRAM NO. 2

AIM : HTML program to link to 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

This is a table

Personal information

First name	Last name	dob
Abhishek	Scariya	August 12, 1999
Gautam	Krishna	May 25, 1999

PROGRAM 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 : 20%.">
<caption> Personal Information </caption>
<tr><th> First name </th><th> Last name </th> <th> dob
</th> </tr>
<tr> <td>Abhishek </td> <td> Scariya </td> <td> August 12,
1999 </td></tr>
<tr> <td> Gautam </td><td> Krishna </td> <td> May 25,
1999 </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.

PROGRAM NO. 4

AIM: HTML program to create lists

```
<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="2"> <li>php</li> p<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

This is my first This is my first This is just a This is just a Emphasize tag.. Small tag The content will The content will The content will Font tag	Frame		

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 name frame"/>
<frame src = "link.html" name = "second frame"/>
<frame src = "imeye1.jpg" name = "third frame"/>
<frame src = "image2.jpg" name = "fourth frame"/>
<noframes>
<body> Your browser or device does not support frames </body>
</noframes>
</frameset>
</html>
```

Result : The program has been executed and output was verified

First name [_____]

Middle name [_____]

Last name [_____]

Gender : o Male

o Female

o Others

Phone ; [_____]

Address :

[_____]
[_____]
[_____]

Email : [_____]

[Submit]

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> Lastname </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"/>
value = "address"></textarea <br> <label> Address : </label>
<textarea cols = "80' row ='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

```
COLLEGE OF APPLIED SCIENCE, IHRD

            Submit your application

┌─ Basic details: ──────────────────────────┐
│                                            │
│    Name : [Enter your name        ]        │
│                                            │
│    DOB : [mm/dd/yyyy        📅]             │
│                                            │
│    Gender : O Male   O Female              │
│                                            │
│         [Enter your address ···  ]         │
│                                            │
│    Address :                               │
│                                            │
│    Phone no :                              │
│                                            │
│    E-mail id : [                   ]       │
│                                            │
└────────────────────────────────────────────┘

┌─ Qualification details: ──────────────────┐
│                                            │
│    Marks (%) in 10th : [            ]      │
│                                            │
│    Marks (%) in 12th : [            ]      │
│                                            │
│    Select course to apply : [BCA ∨]        │
│                                            │
└────────────────────────────────────────────┘

                [SUBMIT]
```

12/01/2021

PROGRAM NO.7

AIM : HTML program to create a college admission form

```html
<html>
<head>
<title> Application form </title>
<link rel = "style sheet" type = "text/css" href ="prog3.css">
<style>
h1 { color : #4DA8DA ; }
</style> </head>
<body><center>
<h1> COLLEGE OF APPLIED SCIENCE , IHRD </h1></br>
<h2 style= "color : #ADD8E6"> Submit your application </h2> </br>
<h3 style ="color : #EEFBFB">
<form action = " " method = " ">
<fieldset style = "width : 600px">
<legend> Basic details : </legend>
Name : &nbsp ; <input type ="text" name ="name" placeholder
= " Enter your name "></input><lbr><lbr>
DOB : &nbsp ; <input type ="date" name =" bday "></input><lbr>
<lbr>
Gender : <input type ="radio" name ="gender" value ="Male">
Male </input> <input type = "radio" name ="gender" value ="Female">
Female </input><lbr><lbr>
Address : &nbsp ; <textarea cols ="30" rows ="3" name ="address"
placeholder = "Enter your address···"></textarea><lbr><lbr>
Phone no : &nbsp ; <input type = "tel"></input> <lbr><lbr>
E-mail id : &nbsp ; <input type ="email" name ="email"></input">
</fieldset> <lbr><lbr>
<fieldset style ="width :600px">
<legend> Qualification details : </legend>
Marks (%) in 10th: &nbsp ; <input type = "number" name = "mark 1"
></input> <lbr><lbr> Marks (%) in 12th : &nbsp ; <input type =
"number" name = "mark 2"></input><lbr><lbr>
```

```html
Select course to apply :   <select name = "course">
<option value ="BCA"> BCA </option>
<option value = "BSc. IT" > BSc. IT</option>
<option value = "BSc. CS"> BSc. CS </option>
</select>
</fieldset ><br>
<input type = "submit" value = "SUBMIT"></input>
</h3> </center>
</form>
</body>
</html>
```

prog 3.css

```css
body
{ background-color : #AAEEFF;
}



border-style : dashed;
}
```

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

SuperEvilMegaCorp [SEMC]

PROGRAM NO. 8

AIM : HTML program to create a webpage with four frames.

```
<html>
<head> <title> Super Evil Mega Corp </title></head>
<body bgcolor = "#12232E">
<center>
<h1 style ="color : #4DA8DA"> SuperEvilMegaCorp [SEMC] </h1><br>
<iframe src ="P21. html" width ="600px" height ="600 px"></iframe>
<iframe src = "P22. html" width = "600px" height = "600px"></iframe>
<iframe src = "P23. html" width = "600px" height = "600px"></iframe>
<iframe src = "P24. html" width = "600px" height ="600px"></iframe>
</center>
</body>
</html>
```

P21. html

```
<html>
<head> <title> Super EvilMegaCorp </title></head>
<body bgcolor = "#007CC7">
</br><br></br></br></br></br><h1 align = "center"> <a href
="P22. html" style ="color : #EEFBFB"> click Here </a></h1>
</body>
</html>
```

P22. html

```
<html>
<head> <title> Super EvilMegaCorp </title> </head>
<body bgcolor =" black ">
<img src = "P22.jpeg ">
</body>
</html>
```

P23. html

```html
<html>
<head><title> Super Evil MegaCorp </title></head>
<body bgcolor = "#4DA8DA"><lbx><lbx></lbx>
<table cellpadding ="15" cellspacing ="1" border ="1" align = "center">
<caption><h3> Company growth 2020</h3></caption>
<tr>
<th> Company </th>
<th> Growth </th>
<th> Leading Game </th>
</tr>
<tr>
<td> SEMC </td>
<td> +25% </td>
<td> Vainglory </td>
</tr>
<tr>
<td>Valve </td>
<td> +15% </td>
<td> DOTA 2 </td>
</tr>
<tr>
<td> Riot games </td>
<td> +12% </td>
<td> League of legends </td>
</tr>
</table>
</body>
</html>
```

P24. html

```html
<html>
<head> <title> Super Evil MegaCorp </title></head>
<body bgcolor = " #EEFBFB">
<center>
```

```html
<h1 style = "color: #4DA8DA"> SEMC </h1></lbr>
<h2 style ="color: #ADD8E6"> Employee registration </h2></lbr>
<h3 style = "color: #EEFBFB">
<form action = " " method ="">
<fieldset style = "color: black; width :600px">
<legend> Basic details : </legend>
Name :   <input type = "text" name = "name" placeholder =
"Enter your name "> </input><lbr></br>
DOB:   <input type = "date" name = "bday"></input></br>
<lbr>
Gender: <input type ="radio" name = "gender" value = "Male">
Male </input> <input type = "radio" name = "gender" value = "Female">
Female </input> <lbr></br>
Address :   <textarea cols= "30" rows = "3" name = "address"
placeholder =" Enter your address ... "></textarea> <lbr></lbr>
Phone no:   <input type = "tel"> </input><br><lbr>
E-mail id:   <input type = "email" name = "email"></input>
</fieldset> <lbr> <lbr>
<fieldset style ="color : black; width :600px">
<legend> Qualification details : </legend>
Select Qualification :   <select name ="qual">
<option value =" dip"> Diploma </option>
<option value = "bach"> Bachelors </option>
<option value = "mast"> Masters </option>
</select>
</fieldset> <lbr>
<input type = "submit " value = "APPLY "></input>
</h3> </center>
</form> </body>
</html>
```

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

OUTPUT

X and Y ~~Are neter~~ ARE NOT EQUAL

OUTPUT (PROGRAM No·10)

This is starting of 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 ~~loop is~~ 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
New count is 10
New count is 11
End of for loop

PROGRAM No·9

AIM: HTML program to implement if else statement using javascript

```
<html>
<body>
<script language = "java script" 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 ~~was~~ verified

PROGRAM No·10

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

```
<html>
<body>
<script language = "java script" type = "text/javascript">
var c = 0
document. write (" This is starting of the loop <br>")
do {
 document.write ("Current count is : "c+" <br>")
 c++ } while (c<5)
document. write (" The loop stopped <br>")
var x = 0
~~docu~~ 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<12 ; z++)
  {
    document · write (" New count is "+z+ "</br>")
  }
document · write (" End of for loop")
</script>
</body>
</html>
```

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

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
varg y = 12·8
var name = " Amal Jyothi"
var z = { first name : "Abhishek" , last name : "Scariya" }
  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

the hello everyone! How are you all

OUTPUT

Next is a switch case
This is grade A

PROGRAM NO. 12

AIM: HTML program to Implement Javascript

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

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

PROGRAM NO. 13

AIM: HTML program to implement switch

```html
<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

10 global ~~local~~ global local

PROGRAM NO. 14

AIM: HTML program to implement the concept of local variable

```html
<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

PROGRAM NO. 15

AIM: HTML program to implement local and global variable

```html
<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 ~~result~~
output was verified

OUTPUT

Ajay Kumar is 15 years old.

OUTPUT

5 good evening !! How are you ?

PROGRAM NO · 16

AIM: HTML program to implement getElementById concept

```
<html>
<body>
<p id = "demo"></p>
<script language ="javascript" type = "text/javascript">
var person= {
   firstname :" Ajay",
   Lastname : "Kumar",
   age : 15
   address : "Silent Villa" };
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

PROGRAM NO · 17

AIM: HTML program to perform search and replacement function on string

```
<html> <body> <script language = "javascript" type = "text/javascript">
var st ="good morning !! How are you ?"
var n = st. search ( /morning/ ( ) )
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

COLLEGE OF APPLIED SCIENCE, IHRD.

Submit your application

┌─ Basic details : ──────────────────┐
│   │
│   Name : [_____]   │
│   DOB : [_____]   │
│   │
│   Gender : o Male o Female   │
│   │
│   Address : [   ]   │
│   [   ]   │
│   │
│   Phone no : [_____]   │
│   E-mail id : [_____]   │
│   │
└────────────────────────────────────┘

┌─ Qualification details : ──────────┐
│   │
│   Marks (%) in 10th : [_____]   │
│   Marks (%) in 12th : [_____]   │
│   Select course to apply : [BCA ∨] │
│   │
└────────────────────────────────────┘

                [SUBMIT]

PROGRAM No. 18

AIM : HTML program to implement the concept of CSS (internal, inline
         and external stylesheets)

```
<html>
<head>
<title> Application form </title>
<link rel = " stylesheet"   type = "text/css"  href = "prog3. css">

<style>
h1 { color : #4DA8DA ; }
</style>
</head>
<body> <center>

<h1> COLLEGE OF APPLIED SCIENCE , IHRD </h1> <br>
<h2 style = " color : #ADD8E6 "> Submit your application </h2> <br>
<h3 style = " color : #EEFBFB ">
< form action =" "   method = " ">
< fieldset style =" width :600px ">
<legend> Basic details : </legend>
Name : &nbsp ; <input type = "text"  name = "name"  placeholder=
" Enter your name"> </input> <br> <br>
DOB : &nbsp ; < input type = "date" name = " bday"> </input>
</br> <br> Gender : <input type = "radio" name = "gender"
value = "Male" > Male </input> <input type = " radio" name =
"gender" value = "Female"> Female </input> <br> <br>

Address : &nbsp ; <textarea cols = " 30"  rows = "3" name = "address"
placeholder = "Enter your address ... "> </textarea> <br> </br>
Phone no : &nbsp ; <input type = " tel"> &# </input> <br> <br>
E-mail id : &nbsp ; <input type = "email" name = "email ">
</input> </fieldset> <br> <br>

<fieldset style = "width :600px ">
<legend> Qualification details : </legend>
Marks (%) in 10th : &nbsp ; <input type = "number" name ="mark1">
</input> <br> </br>
```

Marks (%) in 12th :   <input type ="number" name = "mark2"> </input></br></br>

Select course to apply :   <select name=" course">.
<option value ="BCA"> BCA </option>
<option value="BSc.IT"> BSc.IT </option>
<option value = " BSc.CS"> BSc.CS </option>
</select>
</fieldset ></br>
<input type= "submit" value = " SUBMIT"> </input>
</h3> </center>
</form>
</body>
</html>

Prog 3. CSS

```
body
    { background - color : # AAEEFF ;
    }

    {
    border - style : dashed;
    }
```

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

OUTPUT

Say hello

OUTPUT

16

PROGRAM NO. 19

AIM: HTML program to implement onClick

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

26/01/2021

PROGRAM NO. 20

AIM: HTML program for multiplying 2 numbers using function

```
<html> <head> <script language = " javascript" type = "text/javascrip
function mul (a,b)
    { return a * b ; }
</script> </head>
<body>
<script language = " java script" type = "text/javascript" >
var x = mul (2,8);
document.write (x);
</script> </body>
</html>
```

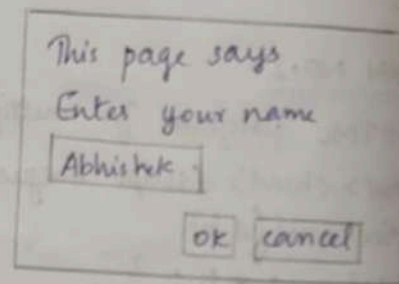Result : The program has been executed and the output
was verified

OUTPUT

Apple, Honda, Maruti, Tata
4

OUTPUT

Your name

Hello Abhishek how are you

```
This page says
Enter your name
Abhishek
                    ok   cancel
```

PROGRAM NO. 21

AIM: HTML program to implement the concept of arrays

```
<html> <body>
<p id="demo"></p>
<script language="javascript" type="text/javascript">
Var x = ["Maruti", "Honda", "Tata", "Apple"];
var z = x.length
document.getElementById("demo").innerHTML = x[0];
  document.write(z);
  var y = x.sort();
document.write getElementById("demo").innerHTML = y;
</script></body></html>
```

Result: The program has been executed and output was verified

PROGRAM NO. 22   (26/01/2021)

AIM: HTML program to implement input function

```
<html>
<body>
<button onclick="fun()"> Your name </button>
<p id="demo"></p>
<script language="javascript" type="text/javascript">
function fun()
  { var p = prompt("Enter your name", "Abhishek");
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

- BMW
- Maruthi
- Fiat
- Tata
- Honda

OUTPUT

Watermelon, Mango, Kiwi, Chikku, Banana, Orange, Brinjal, Potato, Onion

26/01/2021

PROGRAM NO·23

AIM : HTML program to create a list using java script.

```
<html>
<body>
<p id ="demo"></p>
<script>
var x = ["BMW", "Maruthi", "Fiat", "Tata", "Honda"];
var l = " "
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

26/01/2021

PROGRAM NO·24

AIM : 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. reserve ();
var y = x. toString ();
var a = x. contact-(x);
document. getElementById ("demo"). innerHTML = x. toString ();
document. getElementById ("demo-"). innerHTML = x[0];
document. getElementById ("demo"). innerHTML = z[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

14/02/2021

PROGRAM No. 25

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

```
<html>
<body>
<?php
$servesname = "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);
```

OUTPUT

Id	Name	Contact
1	Abhishek	9865438702
2	Adarsh	8192442731
3	Amal	8763489572
4	Caroline	9847654319

```php
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"< 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 the output was verified

OUTPUT

```
Username : [_____]
Email    : [_____]
Password : [_____]
Confirm password : [_____]
            [ Register ]
```

14/02/2021

PROGRAM NO. 2b

AIM: PHP program to develop a registration form and do necessary validations.

Validate.php

```html
<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 = "password-confirm">
   <br>
   <input type = "submit" value = "Register">
</form>
</body>
</html>
```

Signup.php

```php
$data = $_POST;
if (empty ($data['username']) || empty ($data['password']) ||
    empty ($data['email']) || empty ($data['confirm']) )
    { die ("Please fill all request form!");
    }
if ($data['password'] !== $data['password_confirm'] )
       { 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
```

14/02/2021

PROGRAM NO. 27

AIM: PHP program to compose Electricity bill from user input based on given tariff using PHP.

```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 = 30 * $unit_cost_first;
        $remaining_units = $units - 50;
        $bill = $temp + ($remaining_units * $unit_cost_second);
      }
      else if ($units >100 && $units <=200)
      { $temp = (50 *  $unit_cost_first) + (100 *
                $unit_cost_second);
        $remaining_units = $units -150;
        $bill = $temp + ($remaining_units * $unit_cost_fourth); }
```

```php
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-str ; ?>
    </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	Sourav

PROGRAM NO. 28

AIM: PHP program to store names of Indian Cricket players in an array and display the same in HTML table.

```html
<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 a player"> <br>
<input type = "text" name = "pname2" placeholder= "Enter
name of a player"><br>
<input type = "text" name = "pname3" placeholder= "Enter
name of a player"> <br>
<input type = "text" name = "pname4" placeholder= "Enter
name of a player"> <br>
<input type = "text" name = "pname5" placeholder=
"Enter name of a player"><br>
<input type="Submit" name = "Submit"  value= "Submit">
</form>
</div>
</body>
</html>
```

Printname.php

```php
<?php
$name1 = $_POST['pname1'];
$name2 = $_POST['pname2'];
$name3 = $_POST['pname3'];
$name4 = $_POST['pname4'];
```

```php
$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+=1; } ?>
    </table>
```

OUTPUT

Array ([0] ⇒ Peter [1] ⇒ Ben [2] ⇒ Joe)

Array ([1] ⇒ Ben [2] ⇒ Joe [0] ⇒ Peter)

Array ([0] ⇒ Peter [2] ⇒ Joe [1] ⇒ Ben)

24/02/2021

PROGRAM NO. 29

AIM : PHP program to store name of student in an array and display it using print_r function. Sort and display

```html
<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 name of student "> <br>
<input type = "text" name = "pname2" placeholder = "Enter name of student "> <br>
<input type = "text" name = "pname3" placeholder = "Enter name of student "> <br>
<input type = "submit" value = "submit">
</form>
</div>
</body>
</html>
```

printname.php

```php
<?php
$name1 . $_POST ['pname1'];
$name2 . $_POST ['pname2'];
$name3 . $_POST ['pname3'];
$myarray = Array ($name1, $name2, $name3 )
print_r ($myarray);
asort ($myarray) ;
print_r ($myarray);
arsort ($myarray);
print_r ($myarray);  ?>
```

OUTPUT

Simple Library Management System

Accession No	[_____]
Title	[_____]
Author	[_____]
Edition	[_____]
Publication	[_____]

[Submit]   [Reset]

Simple Library Management System

Enter the title of the book to be searched : [_____]

[Submit]   [Reset]

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

24/02/2021

PROGRAM No. 30

AIM : PHP program to accept book information viz. Accension number, title, author, edition and publisher from a webpage and store the information in a database and to search book with the title specified by the user and to display the search result with proper heading.

DBConnection.php

```php
<?php
define ('DB_SERVER', 'localhost : 3306');
define ('DB_USERNAME', 'root');
define ('DB_PASSWORD', '');
define ('DB_DATABASE', 'books');
$db = mysqli_connection (DB_SERVER, DB_USERNAME,
    DB_PASSWORD, DB_DATABASE);
?>
<br>
```

EnterBook.php

```html
<html>
<body bgcolor ="orange"
<center><h2> Simple Library Management System </h2></center>
<form action="InsertBook.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>
```

```html
</tr>
<tr>
<td> Author : </td>
<td><input type = "text" name = "author" size = "48"></td>
</tr><tr>
<td> Edition : </td>
<td> <input type = "text" name = "edition" 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

```php
<?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);
?>
```

Display book.php

```html
<html>
```

```php
<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 ";
         ?>
    </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="48" >
<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