program no: 1 Date:

Aim: HTML program to implement different tags

program:

```
<html>
<head><title> tag page </title></head>
<body><h1> Tag 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
</body>
</html>

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

output

tag name

This is my first program

This my first program

This is just a paragraph...

This is just a paragraph...

small tag

the content will be ~~deleted~~

the content will be inserted

the content will be ~~set~~ sub scripted / super scripted

the content will be

Font tag

Date:

Program no: 2

AIM:- Create a HTML file to link to different HTML page which contain image tables and also link with in a page.

Program :-

link.html

```
<html>
<head> Hyper link </head>
<body bgcolor="white"> <center>
<h2> <a href="link.html"> <font color="blue">
Click Here </font> </a> </h2> <br>
</center>
</body>
</html>
```

link.html

```
<html>
<head> Image link </head>
<body bgcolor="white"> <center>
```

<Img src="cc.jpg" height="200" width="350">

<h1>
Back </h1>

<h1>
click Here To view The Table </h1>

</body>
</html>

Table.html

<html>
<head>
</head>
<body>
<table border="1">
<tr> <td>3</td><td>Lucy</td><td>Sales</td>
<td> 12000 </td>
</tr>
<tr> <td>4</td><td>Billy Doug</td>
<td>admin</td><td>11000</td>
</tr>
</table>
</body>
</html>

<tr> <td>5 </td> <td> Gerry Doug </td>
<td> IT </td> <td> 14000 </td>
</tr>
</table>
</body>
</html>

Result: Program has been executed and output was verified.

output

@demonstrate hypen link

my first program!

click here to view the table!

3	Lucky	sales	12000
4	Billy Doug	admin	11000
5	Seeq Doug	IT	14000

program no: 3 Date:

Aim: demonstrate a registeration form using HTML.

program:

↵ form.html

```
<html>
<head>
<title> student registeration form using Table
    in HTML </title>
</head>
<body>
<form action="submit.html">
<center> <h2> Student Registeration Form </h3>
</center>
<table align="center" cellpading="10">
<tr> <td> first name </td> </tr>
<td> <input type="text" name="fiast name"
  maxlength="50" /> (max 50 characeteers allowed)
</td> </tr>
```

```
<tr>
<td> Last name </td>
<td><input type="text" name="lastname"
maxlength="50" /> (max 50 characters allowed)
</td> </tr>
<tr>
<td> Email Id </td>
<td><input type="email" name="Email ID"
maxlength="100" /> </td>
</tr>
<tr>
<td> mobile number</td>
<td><input type="text" name="mobile number"
maxlength="10" /> (10 Digits Allowed)
</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> Date of Birth (DOB) </td>
```

```
<td><select name="birthday" id="birthday_day">
<option value="-1">Day:</option>
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>
<option value="4">4</option>
<option value="5">5</option>
<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
<option value="11">11</option>
<option value="12">12</option>
<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
```

<option value="21">21</option>
<option value="22">22</option>
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
</select>

<select name="Biathdaymonth" id="Biathday-month">
<option value="-1">month:</option>
<option value="January">Jan(1)</option>
<option value="February">Feb(2)</option>
<option value="March">Mar(3)</option>
<option value="April">Apr(4)</option>
<option value="may">may(5)</option>
<option value="June">Jun(6)</option>
<option value="July">Jul(7)</option>
<option value="August">Aug(8)</option>
<option value="September">Sep(9)</option>
</option>

<option value="october">oct (10)</option>
<option value="november">nov (11)</option>
<option value="decomber">Dec (12)</option>
</select>
<select name="Birthday year" id="Birthday-year">
<option value="-1">year:</option>
<option value="2019">2019</option>
<option value="2018">2018</option>
<option value="2017">2017</option>
<option value="2016">2016</option>
<option value="2015">2015</option>
<option value="2014">2014</option>
<option value="2013">2013</option>
<option value="2012">2012</option>
<option value="2011">2011</option>
<option value="2010">2010</option>
<option value="2009">2009</option>
<option value="2008">2008</option>
<option value="2007">2007</option>
<option value="2006">2006</option>
<option value="2005">2005</option>
<option value="2004">2004</option>
<option value="2003">2003</option>
<option value="2002">2002</option>

<option value="2001">2001</option>
<option value="2000">2000</option>
<option value="1999">1999</option>
<option value="1998">1998</option>
<option value="1997">1997</option>
<option value="1996">1996</option>
<option value="1995">1995</option>
<option value="1994">1994</option>
<option value="1993">1993</option>
<option value="1992">1992</option>
<option value="1991">1991</option>
<option value="1990">1990</option>
<option value="1989">1989</option>
<option value="1988">1988</option>
<option value="1987">1987</option>
<option value="1986">1986</option>
<option value="1985">1985</option>
<option value="1984">1984</option>
<option value="1983">1983</option>
<option value="1982">1982</option>
<option value="1981">1981</option>
<option value="1980">1980</option>
</select>
</td></tr>
</table>
</body>
</html>

```
<tr> <td> address <br /> <br /> <br /> </td>
<td> <textarea name="Address" rows="10"
cols="50"> </textarea> </td> </tr>
<tr> <td> city </td>
<td> <input type="text" name="city"
maxlength="50" /> (max 50 characters Allowed)
</td> </tr>
<tr> <td> pin code </td>
<td> <input type="number" name="pincode"
maxlength="6" /> (max 6 numbers Allowed)
</td> </tr>
<tr> <td> State </td>
<td> <input type="text" name="state"
maxlength="50" /> (max 50 characters Allowed)
</td> </tr>
<tr> <td> country </td>
<td> <input type="text" name="country" /> </td>
</tr>
<tr> <td> Hobbies <br /> <br /> <br /> </td>
<td>
<input type="checkbox" name="Hobby peacwing"
value="peacwing" />
```

Drawing

<input type="checkbox" name="HobbySinging" value="Singing" /> Singing

<input type="checkbox" name="HobbyDancing" value="Dancing" /> Dancing

<input type="checkbox" name="Hobbycooking" value="cooking" /> cooking

<input type="checkbox" name="Hobbyothers" value="others" /> others

<input type="text" name="others_Hobby" maxlength="50" placeholder="Ex-Teaching" />

(max 50 characters Allowed)

</td></tr>

<tr><td> Qualification

</td>

<td> <input type="checkbox" name="Highschool" value="High school" />High School (10th)

<input type="checkbox" name="Higherschool" value="Higher school" /> Higher School (12th)

<input type="checkbox" name="graduation"

```
value="Higher Secondaration" />
Secondaration (Bachelors) <br />
<input type="checkbox" name="postgraduation"
value="post Secondaration" />
post Secondaration (masters) <br>
<input type="checkbox" name="phd" value="phd" />
Phd </td></tr>
<tr> <td> courses <br /> Applied for </td>
<td>
<input type="radio" name="courseBCA" value="BCA" />
BCA (Bachelor of computer application) <br>
<input type="radio" name="courseBcom" value="Bcom" />
B.com (Bachelor of commerce) <br>
<input type="radio" name="courseBSc" value=
"B.Sc" /> B.Sc (Bachelor of science) <br>
<input type="radio" name="courseBA" value="B.A" />
BA (Bachelor of Arts) <br>
<input type="radio" name="courseMCA" value="MCA" />
MCA (masters of computer application <br>
<input type="radio" name="coursemcom" value="mcom" />
mcom (masters of computer application) <br>
```

<input type="radio" name="course" value="M.Sc">M.Sc (master of science)
<input type="radio" name="course" value="MA">MA (master of Arts)
</td></tr>
<tr><td colspan="2" align="center">
<input type="submit" value="submit">
<input type="reset" value="reset">
</td></tr>
</table>
</form>
</body>
</html>

submit.html

<html><head><title>submit</title>
</head>
<body bgcolor="white">registered successfully
Back
</body></html>

result: program has been executed and output was verified.

Student Registration form

First name : (max 50 chars allowed)

Last name : (max 50 chars allowed)

mobile number : (10 digits allowed)

Gender : male ○ female ○

Date of birth : [. . . . | . . | . .]

Address :

city : (max 50 characters)

pincode : (max 6 characters)

State : (max 50 characters)

country :

Hobbies : Drawing ☐ Singing ☐
Dancing ☐ others ☐ [ ]

Qualification : High school ☐ Higher school ☐
Graduation ☐ Post graduation ☐

courses applied for:

- ☐ BCA (Bachelor of computer application) ☐
- ☐ B.Sc (Bachelor of science)
- ☐ MCA (master of computer Application)
- ☐ B A (Bachelor of Arts)
- ☐ mcom (master of commerce)
- ☐ M.Sc (master of Science)
- ☐ M A (master of Arts)

submit reset

Program no: 4 Date:

Aim: HTML program to create a 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 popular operating system which
is commonly used</dd></dl>
</body>
</html>
```

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

program no: 5

AIM: HTML program to implement if else statement using javascript

program:-

```
<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: program has been executed and output was verified.

output

unordered list

- html
- css
- java

ordered list

a. php
b. Python
c. android

discription list

windows

This is a point operating system which is commonly used.

program no: 6

AIM: HTML program to implement switch

program:

```
<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: program has been executed and output was verified.

output

@ ifelse.html ×

x and y are not equal

program no: 7

Aim: HTML program to implement local and global variable

program:

```
<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: program has been executed and output was verified.

output

switch.html x

here is a switch case.

this is a grade A

program no: 8

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

program:

```
<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: program has been executed and the output was verified.

output

@ search.html

Good Evening!, How are you?

program no: 9

AIM: HTML program to implement the array concept

program:

```
<html>
<body>
<p id="demo"></p>
<script language="javascript" type="text/javascript">
var x=["mercedes","honda","tata","apple"];
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: program has been executed and output was verified.

program no: 10

AIM: HTML file to demonstrate use of different CSS-

program:

sample.html

```
<html>
<head>
<title> my sample page </title>
<style>
 h2 {color: white; text-align: center;}
</style>
<link rel="stylesheet" type="text/css"
      href="style.css">
</head>
<body>
<h1 style="color: black; text-align: center;">
 google map </h1>
<h2> gooogle maaap </h2>
<hr style="border: 8px dotted black;
            height: 6px;">
<center> <img src="d.gif" align="left"
  width="500" height="600"> </center>
<p><b> <font color="black"> Google maps
```

,360° interactive panoramic views of streets (street views), real-time traffic conditions, and route planning for travelling by foot, car, bicycle, air (in beta) and public transportation.
</h2>
</h2>
Google maps first started as a c++ prototype designed by two danish brothers, Lars and Jens, Gustav Rasmussen and Noel Gordon and Stephen Ma, at the Sydney-based company where 2 Technologies.

</body>
</html>

style.css

```
h1
{
font-family: cursive;
    text-transform: uppercase;
    border-style: outset;
```

```
border-width : 10px;
border-bottom-width : 10px;
border-color : white;
border-radius : 20px;
}
p
{
font-family : monoscope;
text-align : justify;
text-indent : 100px;
padding-left : 60pt;
padding-right : 60pt;
line-height : 1.5;
word-spacing : 5px;
text-shadow : 20px;
font-size : 23px;
border-style : inset;
border-radius : 20px;
border-width : 10px;
border-color : white;
}
body
{
background-color : green;
```

```
}
h2
{
letter-spacing: 10px;
}
```

Result: program has been executed and output was verified

```
if (c==2)
{
document.write (count1+"<br>")
}
var c=0
count1=count1+1
}
```

result: program has been executed and output was verified

letter

program no: 12

AIM: Javascript program for find a letter e

program:

```
<html>
<head></head>
<body>
<p id="demo"></p>
enter the string :<input type="text" id="str">
enter the letter:<input type="text" id="letter">
<button onclick="displaycount()">click</button>
<script language="javascript" type="text/javascript">
function displaycount()
{
var s=document.getElementById('str').value;
var
l=document.getElementById('letter').value;
var count=0
```

```
var n = s.length
for(i=0; i<n; i++)
{
 if(s[i]==1)
{
count = count+1
}
}
document.write(count+"<br>")
}
</script>
</body>
</html>
```

Result: Program has been executed and output was verified.

even

program no: 13

AIM: Javascript program for even numbers

program:

```
<html>
<head>
<title>even numbers</title>
</head>
<body>
<script language="javascript" type="text/
                                javascript">
document.write("the even numbers 1 to 100
  are :<br>")
for(i=1; i<=100; i++)
{
 if(i%2==0)
{
document.write(i+" , ")
}}
</script></body> </html>
```

Result: program has been executed and output was verified

Calendar

program no: 14

AIM: Generate the calendar using javascript code by seting the year from the user

program:

```
<html>
<head>
<title> Full calender of given year </title>
<script language="javascript" type="text/
                                javascript">
function calender()
{
var year = document.getElementById("year")
          .value;
var yea = document.
var mont = new Array();
mont[0] = "January";
mont[1] = "Febauary";
mont[2] = "march";
mont[3] = "April";
mont[4] = "may";
mont[5] = "June";
```

```
mont[7]="July";
mont[8]="August";
mont[9]="septemenbea";
mont[10]="octobea";
mont[11]="novembea";
mont[12]="decembea";

document.write("<h1>calendea-yeaa"+yeaa+
        "</h1>");
document.write("<table><tr>");
for (month=0;month<12;month++)
{
dt=new Date(yeaa,month,01);
vaa first_day=dt.getDay();
dt.setmonth(month+1,0);
vaa lest_date=dt.getDate();
vaa dte=1;
if(month==4||month==8)
{
 document.write("<tr></tr>");
}
document.write("<td>");
```

```
document.write("<b>" + month[dt.getMonth()]
        + "</b>");
document.write("<table border='1'><tr><td>
    Su</td><td>mon</td><td>tue</td><td>
    wed</td><td>thu</td><td>fri</td>
    <td>sat</td></tr>");
  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>");
}
```

```
3
<!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: program has been executed and output was verified.

program no: 15

Aim:

program:

```
<html>
<head> </head>
<body>
<p id="demo"></p>
<form>
Subject1 :<input type="number" id="str1">
<                <br>
Subject2 :<input type="number" id="str2"><br>
Subject3 :<input type="number" id="str3"><br>
Subject4 :<input type="number" id="str4"><br>
Subject5 :<input type="number" id="str5"><br>
<button onclick="displaycount()">click</button>
<br> </form>
<script language="javascript" type="text/javascript">
function displaycount()
```

```
{
var s1=document.getElementById('str1').value;
var s2=document.getElementById('str2').value;
var s3=document.getElementById('str3').value;
var s4=document.getElementById('str4').value;
var s5=document.getElementById('str5').value;
var total=parseInt(a1)+parseInt(a2)+parseInt(a3)
    +parseInt(a4)+parseInt(a5);
document.write(total+"<br>");}
}
</script>
</body>
</html>
```

Result: Program has been executed and output was verified.

program no: 26

Aim: php program to 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 486 = 350;
$unit_cost_second = 4.00;
$ unit_cost_third = 5.20;
$ unit_cost_fourth = 6.50;
```

```
if($units <= 50){
 $bill = $units * $units_cost_first;}
elseif(if units >50 && $units <=100) {
$temp=50 * $unit_cost_first;
$ remaining_units =$units-50;
$bill = $temp + ($ remaining_units *$unit_cost
  - seconnd);
}
elseif($units >100 && $unit <= 200){
$temp =(50 * 3.5) + (100 * $unit_cost_secon);
$ 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 *units_cost_fourth);
}
```

```
return number_format((float)$bill,2,'.',"");
}?>
<body><div id="page_wrap">
<h1>php - calculate electricity bill</h2>
<form action="" method="post" id="quiz_form">
<input type="number" name="units" id="units"
place holder="please enter no. of units"/>
<input type="submit" name="unit_submit"
id="unit_submit" value="submit"/></form>
<div><?php echo '<br/>'.$result_str;
?></div></div></body></html>
```

Result

The program has been executed and the output was verified.

output

calculate Electricity Bill

please enter no. of units

Submit

program no: 24

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

```
<html>
<body> <?php
$servername = "localhost";
$username = "root";
$password = "";
$dname = "info";
$conn = new mysqli ($servername, $username, $password, $dname);
if ($conn -> connect_error) {
    die("connection failed:" $conn -> connect error);
}
$sql = "select * from user";
$result = $conn -> query($sql);
if ($result -> num_rows > 0) {
```

```
echo "<table border='1'>
<tr><th>id</th><th>name</th><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 the output was verified.

output

id	name	contact
1	Antony	9847651219
2	George	9546953569
3	[illegible]	6844511846
4	Jithu	7554046115

Program no: 28

Aim:- Php program to develope a registration form and necessary validations.

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="name" name="password"> <br>
conform password: <input type="pas" name="password"> <br>
<input type="submit" value="Register" /> </form></body>
</html>
```

signup.php

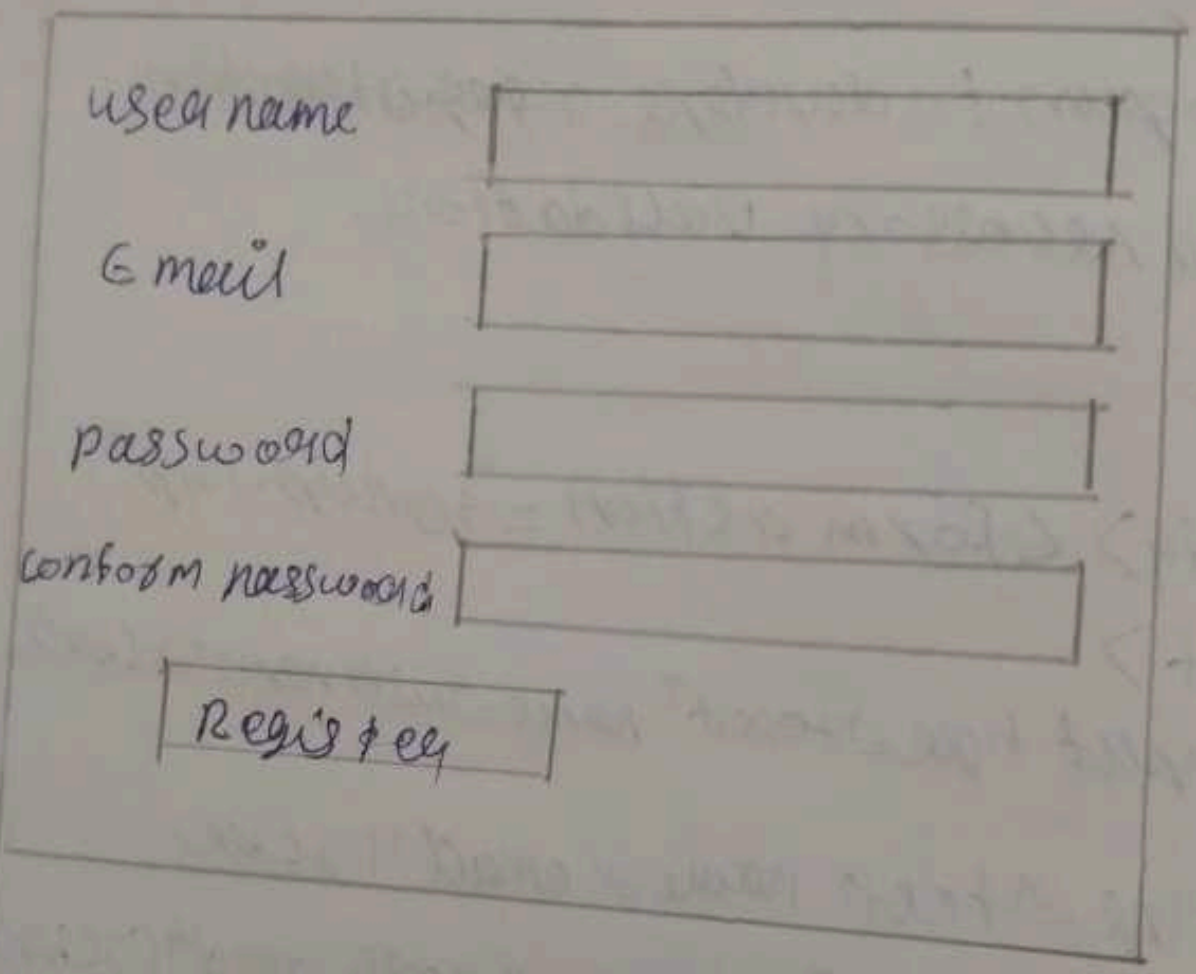
```
$data = $_POST
IF (empty ($data['username']) ||
empty ($data['password']) ||
empty ($data['email']) ||
empty ($data['confirm']) || {
die ("please fill all the request fields");
}
IF ($data['password'] != $data[password conform])
```

{ die ('password and confirm password should match!!');

}
?>

Result

The program has been executed and the output was verified.


username
Email
password
conform password
Register

Program: 29

Aim: php Program to chose name of student in an array and display it using pointer function sort 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="name1" placeholder="enter
name of student"/><br><input type="text"
name="pname2" placeholder="Enter name of student"
Input type="text" name="name3" placeholder=
"Enter name of student"/><br>
Input type="submit" value="submit"></form>
</div></body></html>
```

printname.php

```
$name1 = $_POST["pname1"];
$name2 = $_POST['pname2'];
```

```
$name3 = $_POST['name3'];
$myarray = Array($name1, $name2, $name3)
print_r($myarray);
asort($myarray);
print_r($myarray);
asort($myarray);
rsort($myarray);
?>
```

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)