LABORATORY MANUAL

WEB TECHNOLOGY LABORATORY

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SDM COLLAGE

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WEB TECHNOLOGY LABORATORY

SEMESTER – 2nd

1. Write a JavaScript to design a simple calculator to perform the following operations: sum, product, difference and quotient.
2. Write a JavaScript that calculates the squares and cubes of the numbers from 0 to 10and outputs HTML text that displays the resulting values in an HTML table format.
3. Write a JavaScript code that displays text "TEXT-GROWING" with increasing font size in the interval of 100ms in RED COLOR, when the font size reaches 50pt it displays "TEXT-SHRINKING" in BLUE color. Then the font size decreases to 5pt.
4. Develop and demonstrate a HTML5 file that includes JavaScript script that uses functions for the following problems:
   - **a)** Parameter: A string
   - **b)** Output: The position in the string of the left-most vowel
   - **c)** Parameter: A number
   - **d)** Output: The number with its digits in the reverse order
5. Design an XML document to store information about a student in an engineering college affiliated to VTU. The information must include USN, Name, and Name of the College, Branch, Year of Joining, and email id. Make up sample data for 3students. Create a CSS style sheet and use it to display the document.
6. Write a PHP program to keep track of the number of visitors visiting the web page and to display this count of visitors, with proper headings.
7. Write a PHP program to display a digital clock which displays the current time of theserver.

8. Write the PHP programs to do the following:

a) Implement simple calculator operations.

b) Find the transpose of a matrix.

c) Multiplication of two matrices.

d) Addition of two matrices.

9. Write a PHP program named states.py that declares a variable states with value "Mississippi Alabama Texas Massachusetts Kansas". write a PHP program that does the following:

a) Search for a word in variable states that ends in xas. Store this word in element0 of a list named states List.

b) Search for a word in states that begins with k and ends in s. Perform a case-insensitive comparison. [Note: Passing re.Ias a second parameter to method compile performs a case-insensitive comparison.] Store this word in element1of states List.

c) Search for a word in states that begins with M and ends in s. Store this word in element 2 of the list.

d) Search for a word in states that ends in a. Store this word in element 3 of the list.

10. Write a PHP program to sort the student records which are stored in the database using selection sort.

s

Lab Programs

1. Write a JavaScript to design a simple calculator to perform the following operations: sum, product, difference and quotient.

Aim:

To Write a JavaScript to design a simple calculator

Program 1.html

```
<!DOCTYPE html>
<html>
<head>
    <title>calculator</title>
    <script type="text/javascript" src="cal.js"></script>
</head>

<body>
    <table>
        <tr>
        <td colspan="4"><input type="text" id="res" size="16" onfocus="this.blur();"></td>
        </tr>
        <tr>
            <td><input type="button" id="b1" value="0" size="4" onclick="f('0')"></td>
            <td><input type="button" id="b1" value="1" size="2" onclick="f('1')"></td>
            <td><input type="button" id="b1" value="2" size="2" onclick="f('2')"></td>
            <td><input type="button" id="b1" value="+" size="2" onclick="f('+')"></td>
        </tr>
        <tr>
            <td><input type="button" id="b1" value="3" size="2" onclick="f('3')"></td>
            <td><input type="button" id="b1" value="4" size="2" onclick="f('4')"></td>
            <td><input type="button" id="b1" value="5" size="2" onclick="f('5')"></td>
            <td><input type="button" id="b1" value="-" size="2" onclick="f('-')"></td>
        </tr>
        <tr>
            <td><input type="button" id="b1" value="6"
            size="2”onclick="f('6')"></td>
            <td><input type="button" id="b1" value="7" size="2"

onclick="f('7')"></td>
            <td><input type="button" id="b1" value="8" size="2" onclick="f('8')"></td>
            <td><input type="button" id="b1" value="*" size="2" onclick="f('*')"></td>
        </tr>
        <tr>
            <td><input type="button" id="b1" value="9" size="2" onclick="f('9')"></td>
```

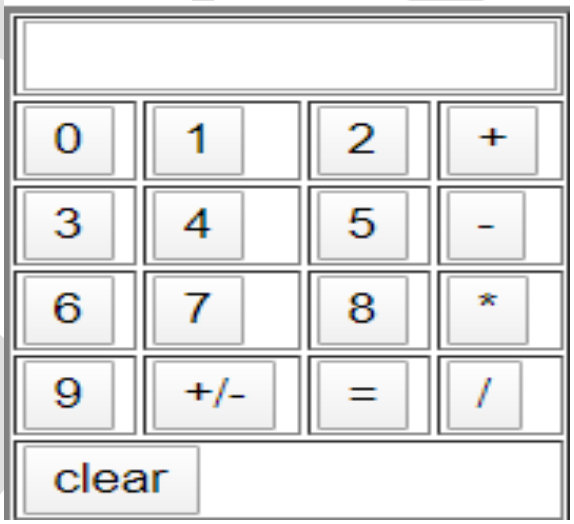
```
                        <td><input type="button" id="b1" value="+/-" size="2" onclick="f('+/-
        ')"></td>
                        <td><input type="button" id="b1" value="=" size="2" onclick="f('=')"></td>
                        <td><input type="button" id="b1" value="/" size="2" onclick="f('/')"></td>
                    </tr>
                    <tr>
                        <td colspan="4"><input type="button" value="clear" size="16"
        onclick="f('c')"></td>
                    </tr>
                </table>

        </body>
        </html>
```

Js file:

```
function f(d)
{
    if(d=="c")
    {
        document.getElementById('res').value="";
        return;
    }
    res=document.getElementById('res').value;
    if(res==0 && d==0)
    return;
    if(d=='+' || d=='-' || d=='*' || d=='/')
    {
        opr=d;
        num=parseFloat(res);
        document.getElementById('res').value=d;
        return;
    }
if(d=='=')
{
    num1=parseFloat(res);
    switch(opr)
    {
        case '+':ans=num+num1;break;

        case '-':ans=num-num1;break;
        case '*':ans=num*num1;break;
        case '/':ans=parseInt(num/num1);break;
    }
    document.getElementById('res').value=ans;
    return;
}
if (d=='--') {
    document.getElementById('res').value=-1;
```

```
return;



}
if(!isNaN (document.getElementById('res').value))
        document.getElementById('res').value+=d;
else
        document.getElementById('res').value=d;
}
```

OUTPUT:



Test Cases :

Test No.	Input Parameters	Expected Output	Obtained Output	Remarks
1.	value1=50.56 value2=24.39	Addition =74.95 Subtraction =26.17 Multiplication=1233.1584 Division=2.072980729807298	Addition =74.95 Subtraction =26.17 Multiplication=1233.1584 Division=2.072980729807298	PASS
2.	value1= 0 value2= 45	Addition =45 Subtraction =-45 Multiplication=0 Division=0	Addition =45 Subtraction =-45 Multiplication=0 Division=0	PASS
3.	value1= 45 value2= 0	Addition =45 Subtraction =45 Multiplication=0 Division=Infinity	Addition =45 Subtraction =45 Multiplication=0 Division=Infinity	PASS
4.	value1 = abc value2 = 23	ENTER VALID NUMBER	ENTER VALID NUMBER	PASS
5	value1 = 50 value2 =xyz	ENTER VALID NUMBER	ENTER VALID NUMBER	PASS

2. Write a JavaScript that calculates the squares and cubes of the numbers from 0 to 10 and outputs HTML text that displays the resulting values in an HTML table format.

Aim:

To Write a JavaScript to Calculate the Squares and Cubes of numbers.

program2.html

```
<!DOCTYPE HTML>
<html>
    <head>
    <style> table,tr,
            td
            {
                    border: solid black;
                    width: 33%;
                    text-align: center;
                    border-collapse: collapse;
                    background-color:lightblue;
            }
            table { margin: auto; }
    </style>
    <script>
            document.write( "<table><tr><thcolspan='3'> NUMBERS FROM 0 TO 10
            WITH THEIR SQUARES AND CUBES </th></tr>" );
            document.write( "<tr><td>Number</td><td>Square</td><td>Cube</td></tr>" );
            for(var n=0; n<=10; n++){
                    document.write( "<tr><td>" + n + "</td><td>" + n*n + "</td><td>" +
                    n*n*n + "</td></tr>" ) ;
            }
            document.write( "</table>" ) ;
    </script>
    </head>
</html>
```

Output:

NUMBERS FROM 0 TO 10 WITH THEIR SQUARES AND CUBES		
Number	Square	Cube
0	0	0
1	1	1
2	4	8
3	9	27
4	16	64
5	25	125
6	36	216
7	49	343
8	64	512
9	81	729
10	100	1000

3. Write a JavaScript code that displays text "TEXT-GROWING" with increasing font size in the interval of 100ms in RED COLOR, when the font size reaches 50pt it displays "TEXT-SHRINKING" in BLUE color. Then the font size decreases to 5pt.

Aim:

To write a JavaScript for Text-Growing and Text Shrinking

Program 3.html

```
<!DOCTYPE HTML>
<html>
<head>
	<style>
		p {
			position: absolute;
			top: 50%;
			left: 50%;
			transform: translate(-50%, -50%);
		}
	</style>
</head>
<body>

	<p id="demo"></p>
	<script>
		var var1 = setInterval(inTimer, 1000);
		var fs = 5;
		var ids = document.getElementById("demo");
		function inTimer() {
			ids.innerHTML = 'TEXT GROWING';
			ids.setAttribute('style', "font-size: " + fs + "px; color: red");
			fs += 5;
			if(fs >= 50 ){
				clearInterval(var1);
				var2 = setInterval(deTimer, 1000);
```

```
}
            function deTimer() {
                fs -= 5;
                ids.innerHTML = 'TEXT SHRINKING';
                ids.setAttribute('style', "font-size: " + fs + "px; color:
                blue"); if(fs === 5 ){
                    clearInterval(var2);
                }
            }
        </script>
    </body>
    </html>
```

Output:

TEXT SHRINKING

4. Develop and demonstrate a HTML5 file that includes JavaScript script that uses functions for the following problems:

a) Parameter: A string

b) Output: The position in the string of the left-most vowel

c) Parameter: A number

d) Output: The number with its digits in the reverse order

Aim:

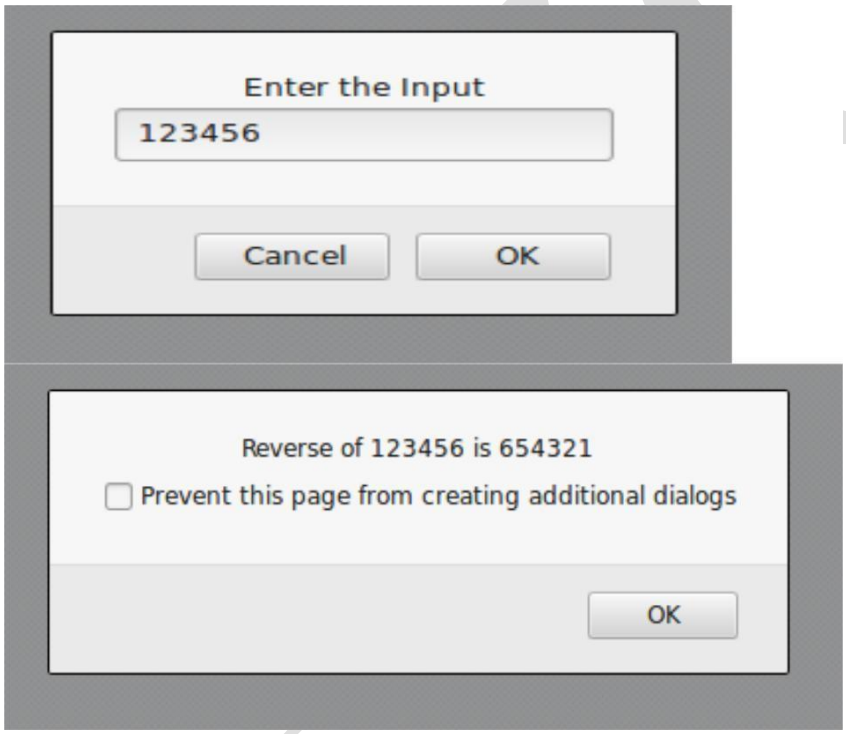
To write a JavaScript to position in the string of the left-most vowel and number with its digits in the reverse order

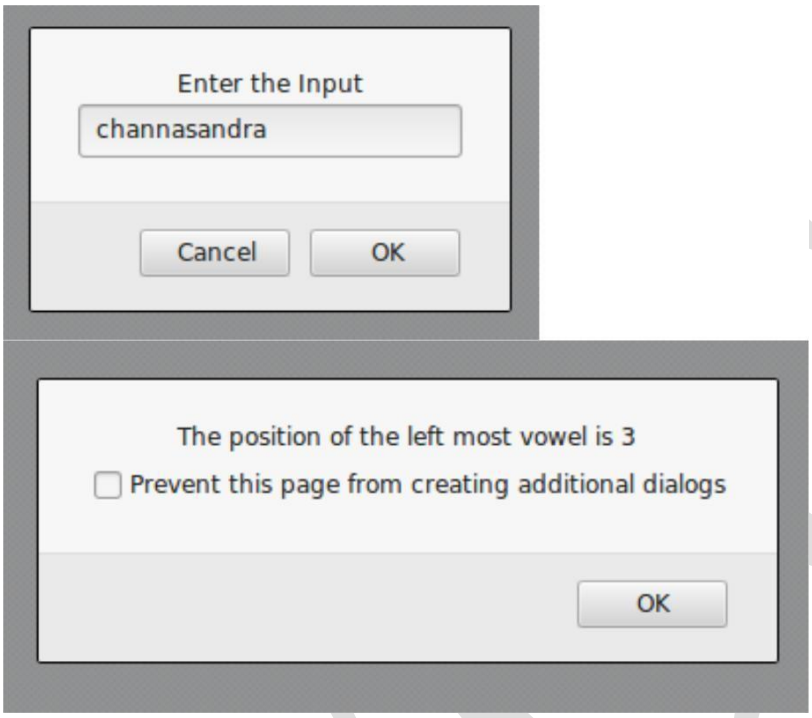
Program 4.html

```
<!DOCTYPE HTML>
<html>
   <body>
        <script type="text/javascript">
        var str = prompt("Enter the Input","");
        if(!(isNaN(str)))
        {
                var num,rev=0,remainder;
                num = parseInt(str);

                while(num!=0) {
                        remainder = num%10;
                        num = parseInt(num/10);
                        rev = rev * 10 + remainder;
                }
                alert("Reverse of "+str+" is "+rev);
        }
        else
        {
                str = str.toUpperCase();
                for(var i = 0; i < str.length; i++) {
```

```
                var chr = str.charAt(i);
                  if(chr == 'A' || chr == 'E' || chr == 'I' || chr == 'O' || chr == 'U')break;
            }

            if( i < str.length )
                  alert("The position of the left most vowel is "+(i+1));
            else
                  alert("No vowel found in the entered string");
      }
        </script>

 </body>
</html>
```

Output :





Test Cases :

Test No.	Input Parameters	Expected Output	Obtained Output	Remarks
1.	123	Reverse of 123 is 321	Reverse of 123 is 321	PASS
1.	CHANNASANDRA	The position of the left most vowel is 3	The position of the left most vowel is 3	PASS
2.	SKY	No vowel found in the entered string	No vowel found in the entered string	PASS
3.	MNKTO	The position of the left most vowel is 5	The position of the left most vowel is 5	PASS

5. Design an XML document to store information about a student in an engineering college affiliated to VTU. The information must include USN, Name, and Name of the College, Branch, Year of Joining, and email id. Make up sample data for 3 students. Create a CSS style sheet and use it to display the document.

Aim:

To design a XML document to store information about a student.

Program 5.xml

```
<?xml-stylesheet type="text/css" href="5.css" ?>
<!DOCTYPE HTML>
<html>
    <head>
        <h1> STUDENTS DESCRIPTION </h1>
    </head>
    <students>
        <student>
            <USN>USN          :  1ME15CS001</USN>
            <name>NAME        :  SANVI</name>
            <college>COLLEGE : MSEC</college>
            <branch>BRANCH    :  Computer Science and Engineering</branch>
            <year>YEAR        :  2015</year>
            <e-mail>E-Mail    :  sanvi@gmail.com</e-mail>
        </student>
        <student>
            <USN>USN          :  1ME15IS002</USN>
            <name>NAME        :  MANORANJAN</name>
            <college>COLLEGE : MSEC</college>
            <branch>BRANCH    : Information Science and Engineering</branch>
            <year>YEAR        :  2015</year>
            <e-mail>E-Mail    :  manoranjan@gmail.com</e-mail>
        </student>
        <student>
```

```
            <USN>USN          :  1ME13EC003</USN>
            <name>NAME        :  CHANDANA</name>
            <college>COLLEGE :   MSEC</college>

            <branch>BRANCH    : Electronics and Communication Engineering
            </branch>
            <year>YEAR        :   2013</year>
            <e-mail>E-Mail    :   chandana@gmail.com</e-mail>
            </student>
        </students>
</html>
```

program5.css

```
student{
        display:block; margin-top:10px; color:Navy;
}
USN{
        display:block; margin-left:10px;font-size:14pt; color:Red;
}
name{
        display:block; margin-left:20px;font-size:14pt; color:Blue;
}

college{
        display:block; margin-left:20px;font-size:12pt; color:Maroon;
}
branch{
        display:block; margin-left:20px;font-size:12pt; color:Purple;
}
year{
        display:block; margin-left:20px;font-size:14pt; color:Green;
}

e-mail{
        display:block; margin-left:20px;font-size:12pt; color:Blue;
}
```

Output:

STUDENTS DESCRIPTION

USN: 1ME15CS001
NAME: SANVI
COLLEGE: MSEC
BRANCH: Computer Science and Engineering
YEAR: 2015
E-Mail: sanvi@gmail.com

USN: 1ME15S002
NAME: MANORANJAN
COLLEGE: MSEC
BRANCH: Information Science and Engineering
YEAR: 2015
E-Mail: manoranjan@gmail.com

USN: 1ME13CS003
NAME: CHANDANA
COLLEGE: MSEC
BRANCH: Electronics and Communication Engineering
YEAR: 2013
E-Mail: chandana@gmail.com

6. Write a PHP program to keep track of the number of visitors visiting the web page and to display this count of visitors, with proper headings.

Aim:

To write a PHP Program to Display the number of visitors visiting the web page.

Program 6.php

```
<html>
<body>
<?php
$file='cam.txt';
$count = strval(file_get_contents($file));
file_put_contents($file, $count + 1);
echo("You are visitor number:".$count); ?>
</body>
</html>
```

Output:

REFRESH PAGE

Total number of views: 10

7. Write a PHP program to display a digital clock which displays the current time of the server.

Aim:

To Write a PHP Program to display digital clock with a current time of the sServer.

Program 7.php

```
<html>
<head>
</head>
<body>
<h1>Display Current Date & Time</h1>
<h2>
<?php
echo "The time from the server is <span style='color:green';> " . date("h:i:sa")."</span>";
echo '<br/>';
echo "Today is <span style='color:yellow;'>" . date("d/Y/m") . "</span>";
date_default_timezone_set('Asia/Kolkata');
echo '<br/>';
echo "The time is <span style='color:blue;'>". date("h:i:sa"). "</span>";
?>
</h2>
</body>
</html>
```

Output:

Display Current Date & Time

The time from the server is 03:41:45pm
Today is 11/2020/03
The time is 08:11:45pm

8. Write the PHP programs to do the following:

a) **Implement simple calculator operations.**

b) **Find the transpose of a matrix.**

c) **Multiplication of two matrices.**

d) **Addition of two matrices.**

Aim:

To write a PHP program to implement the Simple Calculator and Multiplication of Matrices.

Program 8a.php

```
<html>
<head>
    <style>
        table, td, th
        {
            border: 1px solid black;
            width: 35%;
            text-align: center;
            background-color: DarkGray;
        }
        table { margin: auto; }
        input,p { text-align:right; }
    </style>
</head>
<body>
    <form method="post">
    <table>
        <caption><h2> SIMPLE CALCULATOR </h2></caption>> <tr><td>First
        Number:</td><td><input type="text" name="num1" /></td>
        <td rowspan="2"><input type="submit" name="submit"
        value="calculate"></td></tr>
        <tr><td>Second Number:</td><td><input type="text"
        name="num2"/></td></tr>
    </form>
```

```
<?php
    if(isset($_POST['submit'])) // it checks if the input submit is filled

    {
        $num1 = $_POST['num1'];
        $num2 = $_POST['num2'];
        if(is_numeric($num1) andis_numeric($num1) )
        {
        echo "<tr><td> Addition :</td><td><p>".($num1+$num2)."</p></td>";
        echo "<tr><td> Subtraction :</td><td><p> ".($num1-$num2)."</p></td>";
        echo "<tr><td> Multiplication :</td><td><p>".($num1*$num2)."</p></td>";
        echo "<tr><td>Division :</td><td><p> ".($num1/$num2)."</p></td>";
        echo "</table>";
        }
        else
        {
        echo"<script type='text/javascript' > alert(' ENTER VALID
        NUMBER');</script>";
        }

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

Output sample

SIMPLE CALCULATOR

First Number:	50	calculate
Second Number:	25	
Addition :	75	
Subtraction :	25	
Multiplication :	1250	
Division :	2	

Test Cases:

Test No.	Input Parameters	Expected Output	Obtained Output	Remarks
1.	value1=50.56 value2=24.39	Addition =74.95 Subtraction =26.17 Multiplication=1233.1584 Division=2.072980729807298	Addition =74.95 Subtraction =26.17 Multiplication=1233.1584 Division=2.072980729807298	PASS
2.	value1= 0 value2= 45	Addition =45 Subtraction =-45 Multiplication=0 Division=0	Addition =45 Subtraction =-45 Multiplication=0 Division=0	PASS
3.	value1= 45 value2= 0	Addition =45 Subtraction =45 Multiplication=0 Division=Infinity	Addition =45 Subtraction =45 Multiplication=0 Division=Infinity	PASS
4.	value1 = abc value2 = 23	ENTER VALID NUMBER	ENTER VALID NUMBER	PASS
5	value1 = 50 value2 =xyz	ENTER VALID NUMBER	ENTER VALID NUMBER	PASS

Program 8b.php

```
<?php
        $a = array(array(1,2,3),array(4,5,6),array(7,8,9));
        $b = array(array(7,8,9),array(4,5,6),array(1,2,3));

        $m=count($a);
        $n=count($a[2]);
        $p=count($b);
        $q=count($b[2]);

        echo "the first matrix     :"."<br/>";
        for ($row = 0; $row < $m; $row++) {
                for ($col = 0; $col < $n; $col++)
                        echo " ".$a[$row][$col];
                echo "<br/>";
        }

        echo "the second matrix     :"."<br/>";
        for ($row = 0; $row < $p; $row++) {
                for ($col = 0; $col < $q; $col++)
                        echo " ".$b[$row][$col];
                echo "<br/>";
        }
        echo "the transpose for the first matrix is:"."<br/>";
        for ($row = 0; $row < $m; $row++) {
                for ($col = 0; $col < $n; $col++)
                        echo " ".$a[$col][$row];
                echo "<br/>";
        }

        if(($m===$p) and ($n===$q)) {
                echo "the addition of matrices is:"."<br/>";
                for ($row = 0; $row < 3; $row++) {
```

```
                for ($col = 0; $col < 3; $col++)
                        echo " ".$a[$row][$col]+$b[$row][$col]." ";
                echo "<br/>";
            }
        }
        if($n===$p){
            echo " The multiplication of matrices: <br/>";
            $result=array();
            for ($i=0; $i < $m; $i++) {
                for($j=0; $j < $q; $j++){
                    $result[$i][$j] = 0;
                    for($k=0; $k < $n; $k++)
                        $result[$i][$j] += $a[$i][$k] * $b[$k][$j];
                }
            }
            for ($row = 0; $row < $m; $row++) {
                for ($col = 0; $col < $q; $col++)
                    echo " ".$result[$row][$col];
                echo "<br/>";
            }
        }
?>
```

Output:

the first matrix:

1 2 3

4 5 6

7 8 9

the second matrix:

7 8 9

4 5 6

1 2 3

the transpose of the first matrix:

1 4 7

2 5 8

3 6 9

the addition of matrices is:

8 10 12

8 10 12

8 10 12

the multiplication of matrices:

18 24 30

54 69 84

90 114 138

9. Write a PHP program named states.py that declares a variable states with value "Mississippi Alabama Texas Massachusetts Kansas". write a PHP program that does the following:

a) Search for a word in variable states that ends in xas. Store this word in element 0 of a list named states List.

b) Search for a word in states that begins with k and ends in s. Perform a case-insensitive comparison. [Note: Passing re.Ias a second parameter to method compile performs a case-insensitive comparison.] Store this word in element1 of states List.

c) Search for a word in states that begins with M and ends in s. Store this word in element 2 of the list.

d) Search for a word in states that ends in a. Store this word in element 3 of the list.

Aim:

Write a PHP program with variable states with value "Mississippi Alabama Texas Massachusetts Kansas"

Program 9.php

```
<?php
    $states = "Mississippi Alabama Texas Massachusetts
    Kansas"; $statesArray = [];
    $states1 = explode(' ',$states);
    echo "Original Array :<br>";
    foreach ( $states1 as $i => $value )
        print("STATES[$i]=$value<br>");
    foreach($states1 as $state) {
        if(preg_match( '/xas$/', ($state)))
        $statesArray[0] = ($state);
    }
    foreach($states1 as $state) {
        if(preg_match('/^k.*s$/i', ($state)))
        $statesArray[1] = ($state);
    }
```

```
        foreach($states1 as $state) {
                if(preg_match('/^M.*s$/', ($state)))
                $statesArray[2] = ($state);
        }
        foreach($states1 as $state){
                if(preg_match('/a$/', ($state)))
                $statesArray[3] = ($state);
        }
        echo "<br><br>Resultant Array :<br>";
        foreach ( $statesArray as $array => $value )
                print("STATES[$array]=$value<br>");
?>
```

Output:

```
Original Array :
STATES[0]=Mississippi
STATES[1]=Alabama
STATES[2]=Texas
STATES[3]=Massachusetts
STATES[4]=Kansas

Resultant Array :
STATES[0]=Texas
STATES[1]=Kansas
STATES[2]=Massachusetts
STATES[3]=Alabama
```

10. Write a PHP program to sort the student records which are stored in the database using selection sort.

Aim:

To write a PHP - program to sort the student records using selection sort.

Goto Mysql and then type

```
create database weblab;
use weblab;
create table student(usnvarchar(10),name varchar(20),address varchar(20));
```

program10.php

```
<!DOCTYPE html>
<html>
    <body>
        <style>
            table, td, th
            {
                border: 1px solid black;
                width: 33%;
                text-align: center;
            border-collapse:collapse;
            background-color:lightblue;
            }
            table { margin: auto; }
        </style>
        <?php
            $servername = "localhost";
            $username = "root";
            $password = "root";
            $dbname = "weblab";
            $a=[];
        // Create connection

            // Opens a new connection to the MySQL server
```

```
$conn = mysqli_connect($servername, $username, $password, $dbname);

// Check connection and return an error description from the last connection error, if any

if ($conn->connect_error)
        die("Connection failed: " . $conn->connect_error);


$sql = "SELECT * FROM student";
// performs a query against the
database $result = $conn->query($sql);
echo "<br>";
echo "<center> BEFORE SORTING </center>";
echo "<table border='2'>";
echo "<tr>";
echo "<th>USN</th><th>NAME</th><th>Address</th></tr>";
if ($result->num_rows> 0)
{
        // output data of each row and fetches a result row as an
           associative array
        while($row = $result->fetch_assoc()){
                echo "<tr>";
                echo "<td>". $row["usn"]."</td>";
                echo "<td>". $row["name"]."</td>";
                echo "<td>". $row["addr"]."</td></tr>";
                array_push($a,$row["usn"]);
        }
 }
else
        echo "Table is Empty";
echo "</table>";
$n=count($a);
$b=$a;
for ( $i = 0 ; $i< ($n - 1) ; $i++ )
{
        $pos= $i;
```

```
        for ( $j = $i + 1 ; $j < $n ; $j++ ) {
                if ( $a[$pos] > $a[$j] )
                        $pos= $j;
        }
        if ( $pos!= $i ) {
                $temp=$a[$i];
                $a[$i] = $a[$pos];
                $a[$pos] = $temp;
        }
}
$c=[];
$d=[];
$result = $conn->query($sql);
if ($result->num_rows> 0)// output data of each row
{
        while($row = $result->fetch_assoc()) {
                for($i=0;$i<$n;$i++) {
                        if($row["usn"]== $a[$i]) {
                                $c[$i]=$row["name"];
                                $d[$i]=$row["addr"];
                        }
                }
        }
}
echo "<br>";
echo "<center> AFTER SORTING <center>";
echo "<table border='2'>";
echo "<tr>";
echo "<th>USN</th><th>NAME</th><th>Address</th></tr>";
for($i=0;$i<$n;$i++) {
        echo "<tr>";
        echo "<td>". $a[$i]."</td>";
        echo "<td>". $c[$i]."</td>";
        echo "<td>". $d[$i]."</td></tr>";
```

```
                }
            echo "</table>";
            $conn->close();
        ?>
    </body>
</html>
```

Output: BEFORE SORTING

USN	NAME	ADDRESS
1ME14	CHANDANA	MANDYA
1ME15	ARUN	HASSAN
1ME16	ABHAY	BENGALURU
1ME13	SANJAY	KOLAR

AFTER SORTING

USN	NAME	ADDRESS
1ME16	ABHAY	BENGALURU
1ME15	ARUN	HASSAN
1ME14	CHANDANA	MANDYA
1ME13	SANJAY	KOLAR

Viva Questions

1) What is HTML?

2) What is a tag?

3) What is the simplest HTML page?

4) How do I create frames? What is a frameset?

5) How can I include comments in HTML?

6) What is a Hypertext link?

7) What is a DOCTYPE? Which one do I use?

8) How do I align a table to the right (or left)?

9) Explain Cell Padding and Cell Spacing.

10) How to create a button which acts like a link?

11) What is difference between HTML and XHTML?

12) How many types CSS can be include in HTML?

13) What are logical and physical tags in HTML?

14) Does HTML support Javascripts?

15) Explain marquee tag.

16) How do I add midi music to my web page?

17) What are new Media Elements in HTML5?

18) Explain various HTML list tags.

19) Explain HTML background.

20) What is CSS?

21) How to insert Javascript in HTML?

22) What is the Use of SPAN in HTML and give one example?

23) What are style sheet properties?

24) List various font attributes used in style sheet.

25) Explain inline, embedded and external style sheets.

26) How do I create a link that opens a new window?

27) What is the difference between the HTML form methods GET and POST?

28) What is the DOM?

29) What is the HTML DOM?

30) What is JavaScript?

31) How is JavaScript different from Java?

32) What is the official JavaScript website?

33) What is XML?

34) What is a markup language?

35) What is the difference between XML and HTML?

36) What are the benefits of XML?

37) What is XML Schema?

38) What's PHP ?

39) What Is a Session?

40) What are the differences between mysql_fetch_array(), mysql_fetch_object(), mysql_fetch_row()?