

HTML

LAB1

```
<!DOCTYPE html>
<html>
<head>
  <style>
    table,td,th{
      border:1px solid black;
      width: 33%;
      text-align: center;
      background-color: darkgray;
      border-collapse:collapse;
    }

  </style>
  <script type="text/javascript">

    function calc(clicked_id) {
      var val1 = parseFloat(document.getElementById('value1').value);
      var val2 = parseFloat(document.getElementById('value2').value);
      if (isNaN(val1)||isNaN(val2)) {
        alert("ENTERD INVALID NUMBER")
      }
      else if (clicked_id=="add") {
        document.getElementById('answer').value=val1+val2;
        //answer.value=val1+val2;
      }
      else if (clicked_id=="sub") {
        document.getElementById('answer').value=val1-val2;
      }
      else if (clicked_id=="div") {
        document.getElementById('answer').value=val1/val2;
      }
      else if (clicked_id=="mul") {
        document.getElementById('answer').value=val1*val2;
      }
    }
    function del() {
      value1.value="0";
      value2.value="0";
      answer.value="";
    }
  </script>
</head>
<body>
  <table>
    <tr>
      <th colspan="4">SIMPLE CALCULATER</th>
    </tr>
    <tr>
      <td>value1</td>
      <td><input type="text" id="value1" value="0"/></td>
```

```

        <td>value2</td>
        <td><input type="text" id="value2" value="0"/></td>

    </tr>
    <tr>
        <td><input type="button" value="addition" id="add" onclick="calc(this.id)"/></td>
        <td><input type="button" value="subtract" id="sub" onclick="calc(this.id)"/></td>
        <td><input type="button" value="division" id="div" onclick="calc(this.id)"/></td>
        <td><input type="button" value="multiplication" id="mul"
onclick="calc(this.id)"/></td>
    </tr>
    <tr>
        <td>answer</td>
        <td><input type="text" id="answer" value=" "></td>
        <td colspan="2"><input type="button" value="clearall" id="clr"
onclick="del()"/> </td>
    </tr>
</table>

</body>
</html>

```

LAB2

```

<!DOCTYPE html>
<html>
<head>
    <style >
        table,td{
            background-color: lightblue;
            border: 1px solid black;
            border-collapse:collapse;
            margin: auto;
            width: 30%;
            text-align: center;}
    </style>
</head>
<body>
<table align="center">
<tr >
    <th colspan="3">TABLE OF SUARES AND CUBES FROM 0 TO 10</th>
</tr>
<tr>
    <td>Number</td>
    <td>Square</td>
    <td>Cube</td>
</tr>

```

```

<script type="text/javascript">
for(var n=0; n<=10; n++)
{
document.write( "<tr><td>" + n + "</td><td>" + n*n + "</td><td>" + n*n*n
+ "</td></tr>" );
}
</script>
</table>
</body>
</html>

```

LAB3

```

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

```

LAB4

```

<!DOCTYPE html>
<html>
<head>
    <title></title>
</head>
<body>
<script type="text/javascript">
    var str = prompt("Enter the Input","");
    if(isNaN(str))
    {
        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");
    }
    else
    {
        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);
    }
</script>
</body>
</html>

```

LAB5

```

<?xml-stYLESHEET type="text/css" href="5.css"?>
<html>
    <head>
        <h1>STUDENT DESCRIPTION</h1>
    </head>
    <students>
        <student>
            <usn>USN:4mt17cs001</usn>
            <name>NAME:david</name>
            <college>COLLEGE:mite</college>
            <branch>BRANCH:cs</branch>
            <year>YEAR:2017</year>
            <email>EMAIL:david@gmail.com</email>
        </student>
    </students>

```

```

        <usn>USN:4mt17cs002</usn>
        <name>NAME:rohit</name>
        <college>COLLEGE:mite</college>
        <branch>BRANCH:cs</branch>
        <year>YEAR:2017</year>
        <email>EMAIL:rohit@gmail.com</email>
    </student>
    <student>
        <usn>USN:4mt17cs003</usn>
        <name>NAME:sony</name>
        <college>COLLEGE:mite</college>
        <branch>BRANCGH:cs</branch>
        <year>YEAR:2017</year>
        <email>EMAIL:sony@gmail.com</email>
    </student>
</students>
</html>

//XML.CSS
students{
    display: block;margin-top: 10px; color: Navy;
}
usn{
    display: block;margin-top: 10px;font-size: 14pt; color:Red;
}
name{
    display: block;margin-top: 10px;font-size: 14pt; color:Blue;
}
college{
    display: block;margin-top: 10px;font-size: 12pt; color:Maroon;
}
branch{
    display: block;margin-top: 10px;font-size: 12pt; color:Purple;
}
year{
    display: block;margin-top: 10px;font-size: 14pt; color:Green;
}
email{
    display: block;margin-top: 10px;font-size: 12pt; color:Black;
}

```

PHP

LAB6

```

<?php
print "<h3> REFRESH PAGE </h3>";
$name="counter.txt";
$file = fopen($name,"r");
$hits= fscanf($file,"%d");
fclose($file);
$hits[0]++;
$file = fopen($name,"w");

```

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fprintf($file,"%d",$hits[0]);
fclose($file);
print "Total number of views: ".$hits[0];
?>

```

LAB7

```

<!DOCTYPE html>
<html>
<head>
<meta http-equiv="refresh" content="1"/>
<style>
    p {
        color:white;
        font-size:90px;
        position: absolute;
        top: 50%;
        left: 50%;
        transform: translate(-50%, -50%);
    }
    body{background-color:black;}
</style>
<p> <?php echo date(" h: m : s A");?> </p>
</head>
</html>

```

LAB 8A

```

<!DOCTYPE html>
<html>
<head>
<style>
table, td, th
{
    border: 1px solid black;
    width: 35%;
    text-align: center;
    background-color: darkgrey;
}
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']))
    {
        $num1 = $_POST['num1'];
        $num2 = $_POST['num2'];
        if(is_numeric($num1) and is_numeric($num2) )
        {
            echo "<tr><td> Addition
: </td><td><p>".($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>alert('ENTER VALID NUMBER')</script>";
        }
    }
?>
</body>
</html>

```

LAB 8B

```

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

```

LAB9

<?php

```

$states="Mississippi Alabama Texas Massachusetts Kansas";
$statesList=[];
$st=explode(' ', $states);

```

```

echo "Original Array :<br/>";

```



```

foreach($st as $i => $value)
    print("STATES[$i]=$value<br/>");

foreach($st as $i)
{
    if(preg_match('/xas$/', $i))
        $statesList[0]=$i;
}

foreach($st as $i)
{
    if(preg_match('/^k.*s$/i', $i))
        $statesList[1]=$i;
}

foreach($st as $i)
{
    if(preg_match('/^M.*s$/', $i))
        $statesList[2]=$i;
}

foreach($st as $i)
{
    if(preg_match('/a$/', $i))
        $statesList[3]=$i;
}

echo "<br/><br/>Resultant Array :<br/>";
foreach($statesList as $i => $value)
    print("STATES[$i]=$value<br/>")
?>

```

LAB10

```

<!DOCTYPE html>
<html>
<head>
<style>
table, td, th
{
border: 1px solid black;
width: 33%;
text-align: center;
border-collapse: collapse;
background-color: lightblue;
}
table { margin: auto; }
</style>
</head>
<body>
<?php
$servername = "localhost";

```

```

$username = "root";
$password = "";
$dbname = "weblab";
$a=[];
$conn = mysqli_connect($servername, $username, "", $dbname);
if ($conn->connect_error)
    die("Connection failed: " . $conn->connect_error);
$sql = "SELECT * FROM student";
$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>". $row["address"]."</td></tr>";
        array_push($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["address"];
    }
}

}

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>

```