

TITLE: WTA - Session I

Expt. No.: _____

Date: 09 Sept 2020

Basic Syntax:

- 1) --
- 2) --
- 3) --
- 4) -- --
- 5) <COL> <COL>

- 6)

Marks :

Staff :

Session-2.

16. Sept 2020.

<html>

<body>

<marquee> This is basic example of marquee </marquee>

<marquee direction="up" bgcolor="red"> Sample text</marquee>

<body>

</html>.

2. <html>

<body>

<table border="10">

<tr>

<td> Name </td>

<td> Phone </td>

<tr>

<tr>

<td> Harsh </td>

<td> 123456 </td>

<tr>

</table>

<body>

</html>.

TITLE : _____

(CH)

Expt. No. : _____

(CH)

Date : _____

3. <body>

<body>

<table>

<td> Day </td>

<td> 9-10</td>

<td> 10-11</td>

<td> 11-11:30</td>

<td> 11:30-12:30</td>

<td> 12:30-1:30</td>

<td> 1:30-2:30</td>

<td> Monday </td>

<td> WTA </td>

<td> CNS </td>

<td> rowspan="6" > Break </td>

<td> SAN </td>

<td> AEC </td>

<td> WTA </td>

.

<body>

<body> WTA

<body> 11:30

(CH)

(CH)

<td> february </td>

<td> ATW </td>

<td> CNS </td>

<td> WTA </td>

<td> CNS </td>

(CH)

(CH)

<td> february </td>

<td> ATW </td>

<td> CNS </td>

<td> CNS </td>

<td> ATW </td>

(CH)

.

<body>

Marks : .

Staff :

<tr>

<td> Thursday </td>

<td> WTA </td>

<td> FNS </td>

<td> SAN </td>

<td> WPA </td>

<tr>

<tr>

<td> Wednesday </td>

<td> WTA </td>

<td> FNS </td>

<td> SAN </td>

<td> WPA </td>

<tr>

<tr>

<td> Saturday </td>

<td> WTA </td>

<td> INS </td>

<td> SAN </td>

<td> WPA </td>

<tr>

<table>

<body>

<html>.

```
<html>  
<head>  
    <title> Program 2 </title>  
</head>  
<body>  
<script>
```

```
document.write("<table border='1'><tr><th colspan='3'> Squares & Cubes  
of 0 to 10 </th></tr>");  
document.write("<tr><td> Number <td> Square <td> Cube </td></tr>");
```

```
for(var n=0; n<=10; n++) {
```

```
    document.write("<tr><td>" + n + "<td>" + n * n + "  
<td>" + n * n * n + "</td></tr>");
```

```
}
```

```
document.write("</table>");
```

```
</script>
```

```
</body>
```

```
</html>
```

Marks :
Staff :

Output:

Squares & Cubes of 0 to 10		
Num	Square	Cube
0	0	0
1	1	1
2	4	8
3	9	27
4	16	64
5	25	125
:	:	:
:	:	:

TITLE : Program 3.

Expt. No. : 3

Date : 20 Sept 2020.

```
<html>
<head>
<style>
    p {
        margin: auto;
        text-align: center;
    }
</style>
</head>
<body onload="fnts()">
<p id="p1" style="font-size: 12pt; color: black">
    TEXT GROWING </p>
<script>
    var grow = true;
    function fnts() {
        fntsize = document.getElementById("p1").style.fontSize;
        document.getElementById("p1").style.color = "red";
        if (fntsize = parseInt(fntsize)) {
            fntsize = fntsize + 1;
            window.setInterval(fnts, 100, fntsize);
        }
    }
</script>
```

Marks :

Staff :

function fntext(jp) {

of grow) {

jp = jp + 1;

if (ofs >= 0)

document.getElementById("p1").style.fontSize =

size + "pt";

else {

grow = false;

document.getElementById("p1").style.color = "blue";

document.getElementById("p1").innerHTML =

"TEXT STYLING";

}

}

else {

if (jp == 1)

if (ofs < 0) {

grow = true;

document.getElementById("p1").style.color =

"red";

document.getElementById("p1").innerHTML =

"TEXT DROWING";

}

document.getElementById("p1").style.fontSize = size + "pt";

}

window.setTimeout(fntext, 100, jp);

TITLE : _____

Expt. No. : _____

Date : _____

<script>

</body>

</html>

Output:

TEXT GROWING

TEXT SHRINKING

Marks :

Staff :

Program # -

7/10/2020

<html>

<head>

<title> Session 5 L1 title </title>

</head>

<body>

<div style="text-align: center;">

<div>

<h1> style="color: blue; font-weight: bold;">Find leftmost
number </h1>

<p> Enter a number : <input type="text" id="StringVal">

4p

<input type="button" value="Submit" onclick=""
alert (findNumber (document.getElementById ('StringVal').value))">

</div>

</div>

<h1 style="color: blue; font-weight: bold;">Reverse a number</h1>

<p> Enter a number : <input type="number" id="numVal"> </p>

<input type="button" value="Submit"

onclick="alert (reverse (document.getElementById ('numVal').value))"

</div>

TITLE : _____

Expt. No. : _____

Date : _____

<script>

```

function findLowestVowel(str) {
    if (str == null || str == "") {
        return ("No String found")
    }
    for (i = 0; i < str.length; i++) {
        character = str.charAt(i).toLowerCase();
        if (character == 'a' || character == 'e' || character == 'i' || character == 'o' || character == 'u') {
            return ("Left most vowel " + character + " is at index " + (i + 1));
        }
    }
    return ("No vowels found for string " + str + " ");
}

```

</script>

```

function reverse(num) {
    num = parseInt(num);
    rnum = 0;
    temp = num;
    if (isNaN(num)) {
        return "Invalid number";
    }
}

```

Marks :

Staff :

while (num > 0) {

 num = 10;

 num += num % 10;

 num = ~~num~~ / 10;

 num = math.floor(num / 10);

}

return "Reverse of " + temp + " is " + num;

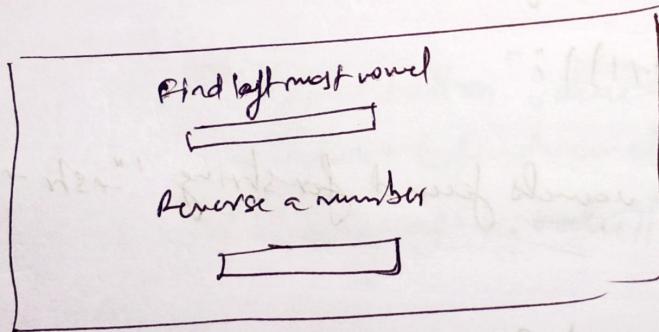
}

<script>

</body>

<html>

Output:



ADAM J
7th Sem
1BG17CS101
2020
CSE
adam@gmail.com
BNM Institute of Technology

Bob K
7th Sem
1BG17CS102
2020
CSE
bob@gmail.com
BNM Institute of Technology

Cerny A
7th Sem
1BG17CS103
2020
CSE
cerny@gmail.com
BNM Institute of Technology



TITLE: Program 5.

Expt. No.: 8

Date: 11-11-2020

Program 5.xml:

<?xml version = "1.0" encoding = "UTF-8"?>

<xmld - stylesheet type = "text/css" href = "programs.css">

<students>

<student>

<name> Adam <name>

<class> 1st Sem </class>

<usn> IBG17CS031 </usn>

<year> 2020 </year>

<branch> CSE </branch>

<college> BNMIT </college>

</student>

<student>

<name> Bob <name>

<class> 2nd Sem </class>

<usn> IBG17CS032 </usn>

<year> 2020 </year>

<branch> CSE </branch>

<college> BNMIT </college>

</student>

<students> .

Marks :

Staff :

Program 5.css

student {

background: black;
margin-left: 50px;
margin-right: 100px;

}

student {

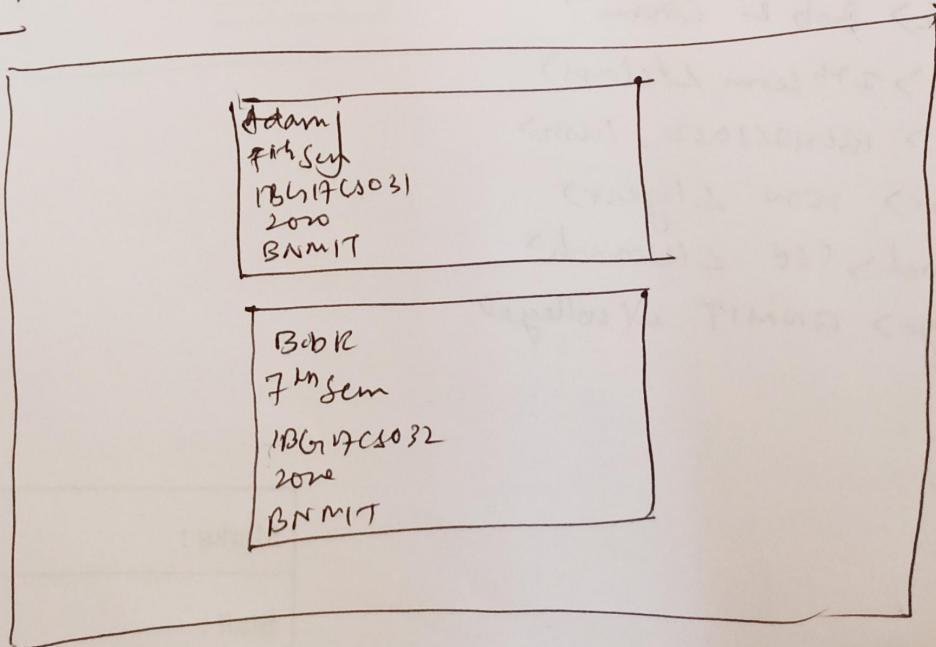
display: block;
border: 2px solid cyan;
margin: 10px;
color: white;
padding: 20px;

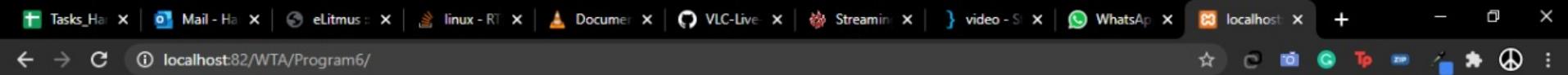
> name, class, usn, college, year {

display: block;

3.

Output:





Type here to search



TITLE: Visitors

Expt. No.: ⑥

Date: 18-11-2020

Program 6.

HARSH R JAIN
1BG17C8031

```
<?php  
$file = 'counter.txt';  
$count = strval(file_get_contents($file));  
file_put_contents($file, $count + 1);  
echo "<h1> You are visitor number : ". $count. "</h1>";  
??
```

Output:

You are visitor number: 4

Display Current Date & Time

The time from the server is **09: 23 : 13 AM**



Type here to search



Program 7 - Digital clock .

18-11-2020

Harsh & Jaih

IB617C8031

```
<html>
  <head><meta http-equiv='refresh' content='1'></head>
  <body>
    <h2>
      <?php
        echo "The time from server is ".date("h:i:s A");
        echo "<br />";
      ?>
    </h2>
```

Output:

The time from the server is, 09:22:43 AM.

DVR - SetUp Wizard

localhost:82/WTA/Program8/calc.php

Incognito

Simple Calculator Using PHP

Enter First Number:

Enter Second Number:

Select Operator:

Result is

Product of 2 Numbers: 1944

Type here to search

13:19
05-Dec-20

DVR - SetUp Wizard X localhost:82/WTA/Program8/tran +

localhost:82/WTA/Program8/transpose.php

The order of the matrix A is: 2x2
The order of the matrix B is: 2x2

The input matrix A is:
1 2
4 5

The input matrix B is:
4 6
1 8

Transpose of matrix 1 is:
1 4
2 5

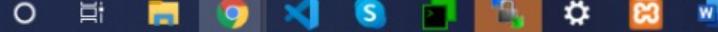
Transpose of matrix 2 is:
4 1
6 8

The sum of matrix is:
5 8
5 13

The Multiplication of matrix is:
6 22
21 64



Type here to search



TITLE: Program 8- a)

Expt. No.: 8

Date: 08-12-2020.

a). Simple Calculator

<!DOCTYPE html>

<html>

<body>

<form action='calc.php' method='post'>

<table>

<tr>

<td> Enter first number : </td>

<td> <input type='number' name='first' /> </td>

<tr> Enter second : </td>

<td> <input type='number' name='second' /> </td>

</tr>

<tr>

<td> Select Operator : </td>

<td> <select name='op'>

<option> Select Operation </option>

<option value='+'> Addition </option>

<option value='-'> Subtraction </option>

<option value='*'> multiplication </option>

Division.

Remainder

<td>

<td></td>

<tr> <td colspan='2'> <input type='submit' name='pop' value='perform op' /> </td>

</table>

</form>

Marks :

Staff :

C) PHP?

if (isint(\$POST["num1"]))

echo "<h1>Result is </h1>";

\$num1 = \$POST["first"];

\$num2 = \$POST["second"];

\$op = \$POST["op"];

\$result = 0;

switch (\$op)

case '+': \$result = \$num1 + \$num2;

echo "<h1>Addition of 2 numbers : ". \$result . "</h1>";

break;

case '-': \$result = \$num1 - \$num2;

echo "<h1>Subtraction ". \$result . "</h1>";

break;

break;

default: echo "<h1>No operation found</h1>";

break;

}

}

>>

</body>

</html>

output

| | |
|-------------------------|----------------------------------|
| Enter num1: | <input type="text"/> |
| Enter num2: | <input type="text"/> |
| Select opnd: | <input checked="" type="radio"/> |
| Result of 2 numbers is: | <input type="text"/> |

TITLE: Program 8 b)

Expt. No.: 86.)

Date: 05-12-2020

b) Transpose, sum, multiplication of Matrix.

C++ program

```
$matrix1 = array (array (1, 2), array (4, 5));
$matrix2 = array (array (4, 6), array (1, 1));
$rowCount = count ($matrix1);
$colCount = count ($matrix1[0]);
$rowCount2 = count ($matrix2);
$colCount2 = count ($matrix2[0]);
echo "Input matrix1 is: \n";
for ($r=0; $r < $rowCount; $r++) {
    for ($c=0; $c < $colCount; $c++) {
        echo $matrix1[$r][$c] . " ";
    }
    echo "\n";
}
echo "Transpose of matrix1 : ";
for ($r=0; $r < $rowCount; $r++) {
    for ($c=0; $c < $colCount; $c++) {
        echo $matrix1 [$c] [$r] . " ";
    }
    echo "\n";
```

Marks :

Staff :

```
echo "The sum of matrix: \"$";  
for($r=0; $r < $rowCount; $r++) {  
    for($c=0; $c < $colCount; $c++) {  
        $sum = $matrix1[$r][$c] + $matrix2[$r][$c];  
        echo $sum; if ($c == $colCount - 1) {  
            echo "\n";  
        }  
    }  
}
```

```
echo "In the multiplication of matrix 1x:$m";  
if ($colCount1 == $rowCount2) {  
    {
```

```
$result = array();  
for($i=0; $i < $rowCount1; $i++) {  
    for($j=0; $j < $colCount2; $j++) {  
        $sum = 0;  
        for($k=0; $k < $rowCount2; $k++) {  
            $sum += $matrix1[$i][$k] * $matrix2[$k][$j];  
        }  
        $result[$i][$j] = $sum;  
    }  
}
```

```
else{$result[$i][$j] = 'N';}  
}
```

```
}  
echo 'In';  
}
```

```
}  
else {echo "matrix multiplication is not possible";}  
}
```

```
27
```

TITLE : _____

Expt. No. : _____

Date : _____

Output:Input matrix 1 :

$$\begin{matrix} 1 & 2 \\ 4 & 5 \end{matrix}$$

Input matrix 2 :

$$\begin{matrix} 4 & 6 \\ 1 & 8 \end{matrix}$$

Transpose of matrix 1 :

$$\begin{matrix} 1 & 4 \\ 2 & 5 \end{matrix}$$

Transpose of matrix 2 :

$$\begin{matrix} 4 & 1 \\ 6 & 8 \end{matrix}$$

Sum of matrix :

$$\begin{matrix} 1 & 8 \\ 1 & 12 \end{matrix}$$

Multiplication of matrix :

$$\begin{matrix} 6 & 22 \\ 21 & 64 \end{matrix}$$

Marks :

Staff :

Given sentence is Mississippi Alabama Texas Massachusetts Kansas

The States that ends in xas: Texas

The states that begins with k ans ends in s (case-sensitive) : Kansas

The states that begins with M and ends in s: Massachusetts

The states that ends in a: Alabama

element[0] = Texas

element[1] = Kansas

element[2] = Massachusetts

element[3] = Alabama

Program 9.

12-12-2020

HARSH R

c2.php

\$alltheStates = "Mississippi Alabama Texas Massachusetts
Vermont"

```
$statesArray = [7:  
$states1 = explode(' ', $alltheStates);  
for i=0  
foreach ($states1 as $state)  
{  
    if (preg-match('/has$/i', $state)) {  
        $statesArray[i] = $state;  
    }  
}  
foreach ($states1 as $state)  
{  
    if (preg-match('/^k.+sf/i', $state)) {  
        $statesArray[17] = $state;  
    }  
}  
foreach ($states1 as $state)  
{  
    if (preg-match('/^M.+st/i', $state)) {  
        $statesArray[18] = $state;  
    }  
}  
foreach ($states1 as $state)  
{  
    if (preg-match('/^af/i', $state)) {  
        $statesArray[19] = $state;  
    }  
}
```

TITLE : _____

Expt. No. : (9)

Date : 12-12-2020

for each (\$stateArray as \$element => \$value)

 print ("\$b\n". \$value . " is the element ". \$element);

1

??

Output

The state that ends in xas: Texas

The state that begins with k and ends in s (case-sensitive): Kansas

The state that begins with M & ends in s: Massachusetts

The state that ends in a: Alabama

Texas is element 0

Kansas is the element 1

Massachusetts is the element 2

Alabama is the element 3.

Marks :

Staff :

BEFORE SORTING

| Before Sorting | | |
|----------------|--------|-----------|
| USN | Name | Address |
| 17CS031 | Adam | Bangalore |
| 17CS032 | Eve | London |
| 17CS018 | Jones | New York |
| 17CS078 | Nicole | Delhi |
| 17CS048 | Elsa | Nagpur |

AFTER SORTING

| AFTER SORTING | | |
|---------------|--------|-----------|
| USN | NAME | Address |
| 17CS018 | Jones | New York |
| 17CS031 | Adam | Bangalore |
| 17CS032 | Eve | London |
| 17CS048 | Elsa | Nagpur |
| 17CS078 | Nicole | Delhi |

localhost/phpmyadmin/sql.php?db=weblab&table=student&pos=0

phpMyAdmin

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 4 (5 total, Query took 0.0010 seconds.)

```
SELECT * FROM `student`
```

Show all Number of rows: 25 Filter rows: Search this table

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

+ Options

| usn | name | address |
|---------|--------|-----------|
| 17CS031 | Adam | Bangalore |
| 17CS032 | Eve | London |
| 17CS018 | Jones | New York |
| 17CS078 | Nicole | Delhi |
| 17CS048 | Elsa | Nagpur |

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Console

Press Ctrl+Enter to execute query

```
>SELECT * FROM `student`  
>SELECT * FROM `student`  
>INSERT INTO `student` (`usn`, `name`, `address`) VALUES ('17CS031', 'Adam', 'Bangalore'), ('17CS032', 'Eve', 'London');
```

Type here to search

12:16 20-Jan-21

Program 10.

Hansh R Jain
1BG17CS031

<!DOCTYPE html>

<html>

<body>

<?php>

\$servername = "localhost";

\$username = "root";

\$password = "";

\$dbname = "weblab";

{ \$a = {} }

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

if (\$conn->connect_error)

die("Connect Failure");

\$sql = "Select * from student";

\$result = \$conn->query(\$sql);

echo "
";

echo "<center> Before sorting </center>";

echo "<table border='1'>";

echo "<tr>";

echo "<th> USN </th> <th> Name </th> <th> Address </th> </th>";

if (\$result->num_rows > 0) {

while (\$row = \$result->fetch_assoc()) {

echo "<tr>";

echo "<td>". \$row["usn"]. "</td>";

echo "<td>". \$row["name"]. "</td>";

echo "<td>". \$row["address"]. "</td>";

echo "<td>". \$row["id"]. "</td>";

TITLE: Selection Sort

Expt. No.:

7

Date:

```

    echo "Cfd"; $row = "Addres"; "Lfd > Ltr"
    array_push($a, $row); $row = " ";
}

```

Harsh R Jain

BCA CS031

```

else "Table is empty";

```

```

else "Ltable";

```

```

$n = count($a);

```

```

$b = $a;

```

```

func $iz o idie ($n-1); $irr {

```

```

$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;
}

```

```

}

```

Marks :

Staff :

```

$(c>87);
$d = $7;
} result of conn query($sql);
if($result->num_rows > 0) {
    while ($row = $result->fetch_assoc()) {
        for ($i=0; $i < count($row); $i++) {
            if ($row["num"] == $a[$i]) {
                $c[$i] = $row["name"];
                $d[$i] = $row["address"];
            }
        }
    }
}

echo "<br><center> After Sorting </center> ";
echo "<table border='1'>";
echo "<tr> > ";
echo "<th> User </th><th> Name </th><th> Address </th><th> ID </th> > ";
for ($i=0; $i < count($row); $i++) {
    echo "<tr> > ";
    echo "<td> " . $a[$i] . "</td> ";
    echo "<td> " . $c[$i] . "</td> ";
    echo "<td> " . $d[$i] . "</td> ";
    echo "<td> " . $i . "</td> </tr> > ";
}
echo "</table> ";
} conn->close();
//body</html>

```