



PRACTICAL MANUAL



THIRUTHANGAL NADAR COLLEGE

Selavayal, Chennai-600051.

(Affiliated to University Of Madras)

Re-accredited at 'B++' Grade by NAAC

An ISO 9001:2015 Certified Institution

DEPARTMENT OF SOFTWARE APPLICATIONS

WEB TECHNOLOGY PRACTICAL

STUDENT NAME:

CLASS:.....

REGISTER NUMBER :



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II B.Sc (SOFTWARE APPLICATIONS)

WEB TECHNOLOGY PRACTICAL

DEPARTMENT OF SOFTWARE APPLICATIONS

This is to Certify that this is a Bonafide Practical work done by..... Department of B.Sc(Software Applications), Thiruthangal Nadar College, Chennai-600051.

STAFF-IN-CHARGE

HEAD OF THE DEPARTMENT

University Register Number

.....

Submitted for the University Practical

Examination held on

.....

INTERNALEXAMINER

EXTERNALEXAMINER



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```
// 1.PHP program to find the sum of each row and column of a matrix
<?php

// Get the size m and n
$m=4;
$n=4;

// Function to calculate sum of each row function rowsum(&$arr)
{
    $sum = 0;
    $m=4;
    $n=4;
    echo "Finding Sum of each row:\n\n";

    // finding the row sum
    for ($i = 0; $i < $m; ++$i)
    {
        for ($j = 0; $j < $n; ++$j)
        {

            // Add the element
            $sum = $sum + $arr[$i][$j];
        }

        // Print the row sum
        echo "Sum of the row " . $i . " = " . $sum . "\n";

        // Reset the sum
        $sum = 0;
    }
}

// Function to calculate sum of each column function column_sum(&$arr)
{
    $sum = 0;
    $m=4;
    $n=4;
    echo "\nFinding Sum of each column:\n\n";

    // finding the column sum for ($i = 0; $i < $m; ++$i)
    {
        for ($j = 0; $j < $n; ++$j)
        {

            // Add the element
            $sum = $sum + $arr[$j][$i];
        }
    }
}
```



```
}

// Print the column sum
echo "Sum of the column " . $i .
" = " . $sum . "\n";

// Reset the sum
$sum = 0;
}
}

// Driver code
$arr = array_fill(0, $m, array_fill(0, $n, NULL));

// Get the matrix elements
$x = 1;
$m = 4;
$n = 4;
for ($i = 0; $i < $m; $i++)
for ($j = 0; $j < $n; $j++)
$arr[$i][$j] = $x++;

// Get each row sum rowsum($arr);

// Get each column sum column_sum($arr);

?>
```



Output:

```
E:\ZBSC SA>php RowColSum.php
Finding Sum of each row:
Sum of the row 0 = 10
Sum of the row 1 = 26
Sum of the row 2 = 42
Sum of the row 3 = 58
Finding Sum of each column:
Sum of the column 0 = 28
Sum of the column 1 = 32
Sum of the column 2 = 36
Sum of the column 3 = 40
E:\ZBSC SA>
```



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I-B.Com[COMPUTER APPLICATIONS]

“PYTHON PROGRAMMING LAB”

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PYTHON PROGRAMMING LAB



1. PROGRAM TO CONVERT THE GIVEN TEMPERATURE FROM FAHRENHEIT TO CELSIUS AND VICE VERSA DEPENDING UPON USER'S CHOICE.

```
temp = (input("Enter your celsius or fahrenheit (e,i)26C or 78F : "))
c= temp[-1]
value=int(temp[:-1])
if c.upper() == 'C':
    a=int((value*9/5)+32)
    print("Celsius to Fahrenheit",a,'F')
elif c.upper()=='F':
    b=int((value-32)*5/9)
    print("Fahrenheit to Celsius",b,'C')
else:
    print("Your format is wrong. example--> 26C or 78F")
```



TEMPERATURE CONVERSION

OUTPUT1:

Enter your celsius or fahrenheit (26C or 78F :

26C

Celsius to Fahrenheit : 78F

OUTPUT2:

Enter your celsius or Fahrenheit 26C or 78F :78F

Fahrenheit to Celsius :26C