



INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



Subject: Computer Science

Topic: 2D array

Lab Worksheet No.:5

Resource Person: Roilet Noronha

Date:_____

Name of the Student :_____ **Class &Div:**XI _ **Roll Number :**_____

Write a program to accept a $M \times N$ matrix and do the following:

1. Print all the elements in the matrix.
2. Print the sum of all elements.
3. Display the sum of elements which are divisible by 6.
4. Print the sum of the elements which are in the left diagonal.
5. Print the sum of the elements which are in the right diagonal.
6. Print the sum of all positive and negative numbers. Also give the count of numbers that are positive, negative.
7. Calculate the sum of all odd and even numbers.
8. Find the largest elements and its location.
9. Print the transpose of a matrix.
10. Print the row wise and column wise sum.
11. Program to add 2 matrices.
12. Program to multiply 2 matrices.

ISD/CS Worksheet/XI/2017-18

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