

## Lab 5: Arrays

### Objectives:

To understand the programming knowledge using Array

To understand the programming using array

### Tasks:

1. Write a program to input twelve numbers from user using array and display all values on console (3 values in a row) (use separate loops for input and output operation).

**SAMPLE OUTPUT:**

Value 1=??   Value 2=??   Value 3=??  
Value 4=??   Value 5=??   Value 6=??  
Value 7=??   Value 8=??   Value 9=??  
Value 10=??   Value 11=??   Value 12=??

2. Write a program to input two arrays from user and find the sum of arrays (element by element).
3. Write a program to input array from user and display the elements of array in reverse order (use separate loops for input and output operation).

**SAMPLE OUTPUT:**

Input = 1, 2, 3, 4, 5

Output = 5, 4, 3, 2, 1

4. Write a program to receive multiple values from user in an array of size of 10 and then ask user to input a key number and then compare it with values entered by user (for array), then display the index number of array with which value gets matched, if not matched with any of the values simply output “value not matched” (use separate iteration statements for input operation and calculation).
5. Write a program in which you ask the user for the size of array and values for the array (dynamic array, pointer method), find min, max and average of all the values entered by the user in the array (use separate iteration statements for input operations and calculation).