

## Array 02

### Program 1

**Write a program to create an array of 'n' integer elements.**

**Where 'n' value should be taken from the user.**

**Insert the values from users and find the sum of all elements in the array.**

**Input:**

n=6

Enter elements in the array: 2 3 6 9 5 1

**Output:**

26

### Program 2

**WAP to find the number of even and odd integers in a given array of integers**

**Input: 1 2 5 4 6 7 8**

**Output:**

**Number of Even Elements: 4**

**Number of Odd Elements : 3**

### Program 3

**Write a Java program to find the sum of even and odd numbers in an array.**

**Display the sum value.**

**Input: 11 12 13 14 15**

**Output**

**Odd numbers sum = 39**

**Even numbers sum = 26**

### Program 4

**WAP to search a specific element from an array and return its index.**

**Input: 1 2 4 5 6**

**Enter element to search: 4**

**Output: element found at index: 2**

### Program 5

**WAP to take size of array from user and also take integer elements from user**

**find the minimum element from the array**

**input : Enter size : 5**

**Enter array elements: 1 2 5 0 4**

**output: min element = 0**

### Program 6

**WAP to take size of array from user and also take integer elements from user  
find the maximum element from the array**

**input : Enter size : 5**

**Enter array elements: 1 2 5 0 4**

**output: max element = 5**

### Program 7

**WAP to find the common elements between two arrays.**

**Input :**

**Enter first array : 1 2 3 5**

**Enter Second array: 2 1 9 8**

**Output: Common elements :**

**1**

**2**

### Program 8

**WAP to find the uncommon elements between two arrays.**

**Input :**

**Enter first array : 1 2 3 5**

**Enter Second array: 2 1 9 8**

**Output: Uncommon elements :**

**3**

**5**

**9**

**8**

### Program 9

**Write a Java program to merge two given arrays.**

**Array1 = [10, 20, 30, 40, 50]**

**Array2 = [9, 18, 27, 36, 45]**

**Output :**

**Merged Array = [10, 20, 30, 40, 50, 9, 18, 27, 36, 45]**

**Hint: you can take 3rd array**

## Program 10

**WAP to print the elements whose addition of digits is even.**

**Ex.  $26 = 2 + 6 = 8$  (8 is even so print 26)**

**Input :**

**Enter array : 1 2 3 5 15 16 14 28 17 29 123**

**Output: 2 15 28 17 123**

