

1. Write a program to initialize an integer array and print the sum and average of the array
2. Write a program to initialize an integer array and find the maximum and minimum value of an array
3. Write a program to initialize an integer array with values and check if a given number is present in the array or not. If the number is not found, it will print -1 else it will print the index value of the given number in the array

Ex1) Array elements are {1,4,34,56,7} and the search element is 90

O/P: -1

Ex2) Array elements are {1,4,34,56,7} and the search element is 56

O/P: 4

4. Initialize an integer array with ascii values and print the corresponding character values in a single row.
5. Write a program to find the largest 2 numbers and the smallest 2 numbers in the given array
6. Write a program to initialize an array and print them in a sorted fashion
7. Write a program to remove the duplicate elements in an array and print  
Eg) Array Elements--12,34,12,45,67,89  
O/P: 12,34,45,67,89
8. Write a program to print the element of an array that has occurred the highest number of times  
Eg) Array -> 10,20,10,30,40,100,99  
O/P:10
9. Write a program to print the sum of the elements of the array with the given below condition. If the array has 6 and 7 in succeeding orders, ignore 6 and 7 and the numbers between them for the calculation of sum.  
Eg1) Array Elements - 10,3,6,1,2,7,9

O/P: 22

[i.e 10+3+9]

Eg2) Array Elements - 7,1,2,3,6

O/P:19

Eg3) Array Elements - 1,6,4,7,9

O/P:10

10. Write a program to reverse the elements of a given 2\*2 array. Four integer numbers needs to be passed as Command Line arguments.

Example1:

C:\>java Sample 1 2 3

O/P Expected : Please enter 4 integer numbers

Example2:

C:\>java Sample 1 2 3 4

O/P Expected :

The given array is :

1 2

3 4

The reverse of the array is :

4 3

2 1

1    2    3    4

5    6    7    8

9    10    11    12

11. Write a program to find greatest number in a 3\*3 array. The program is supposed to receive 9 integer numbers as command line arguments.

Example1:

C:\>java Sample 1 2 3

O/P Expected : Please enter 9 integer numbers

Example2:

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C:\>java Sample 1 23 45 55 121 222 56 77 89
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O/P Expected :

The given array is :

1 23 45

55 121 222

56 77 89

The biggest number in the given array is 222