MOCKTEST-1

BATCH-37

1) Write a java program to accept array elements and display them ?
2) Write a java program to perform sum array elements ?

   input:

   arr = 4 8 1 3 9

   output: 25

3) Write a java program to display array elements in reverse order?

   input:

   arr = 4 8 1 3 9

   output:

   9 3 1 8 4

4) Write a java program to display array elements in ascending/sorting order without using sort method?

input:

   arr = 4 8 1 3 9

output:

   1 3 4 8 9

5) Write a java program to display duplicate elements from given array?

input:

   2 4 5 7 2 3 9 3 1 1

output:

   2 3 1

6) Write a java program to find out unique elements from given array?

input:

   2 3 5 6 7 2 9 3 1 5

output:

   6 7 9 1

7) Write a java program to find out most repeating element from given array?

input:

   1 3 5 2 1 9 1 1 3 3 7 1 6

output:

   1 is repeating for 5 times

8) Write a java program to display prime elements from given arrays?

   input: 5 9 2 6 21 25 29

   output: 5 2 29

9) Write a java program to segregate 0's and 1's?

   input: 1 0 1 1 0 0 1 0 0 1

   output: 0 0 0 0 0 1 1 1 1 1

10) Write a java program to find out missing element from given array?

   input: 5 1 3 2 6 7

   output: 4

11) Write a java program to find out leader element from given array?

input:

   2 10 6 34 19 1 7

output:

   7 19 34

12) Write a java program to perform sum of array elements?

input:

   arr1 = 2 4 7 1 3

   arr2 = 9 8 6 4 3

output:

   11 12 13 5 6

13) Write a java program to delete first occurance of a given element?

input:

   arr = 2 4 5 6 4 9 1 3 4

   ele = 4

output:

   2 5 6 4 9 1 3 4

14) Write a java program to insert given element on given index?

input:

      arr = 5 8 1 4 6 9

      ele = 100

      index = 3

      output:

         5 8 1 100 4 6 9

15) Write a java program to identify and print all elements in an array that are greater than both their immediate predecessors and successors, considering the first and last elements as having only one neighbor?

Input:

      1 3 20 4 75 0 90

Output:

      20 75 90

16) Write a java program to determine the smallest number of coins needed to total 86 rupees. Use the denominations provided in the array {1,2,5,10}?

Output:

      1 coin(s) of 1 rupee(s)

      1 coin(s) of 5 rupee(s)

      8 coin(s) of 10 rupee(s)

17) Write a java program to display largest prime number in the list?

Input:

      2 3 4 5 7 9 11 12

Output:

      11

18) Write a java program to display least element from given array?

input: arr = 4 8 1 3 9

output: 1

19) Write a java program to display highest element from given array?

input:

arr = 4 8 1 3 9

output:

9

20) Write a java program to find the middle element of the array after sorting ?

Input :

arr = 6 4 9 11 3 21 8

output :

8