

# **Array Assignments**

- 1) Write a Java program to calculate the average value of array
- 2) Write a Java program to test if an array contains a specific value
- 3) Write a Java program to find the index of an array element
- 4) Write a Java program to remove a specific element from an array
- 5) Write a Java program to find the maximum and minimum value of an array
- 6) Write a Java program to reverse an array of integer values
- 7) Write a Java program to find the duplicate values of an array of integer values
- 8) Write a Java program to find the duplicate values of an array of string values
- 9) Write a Java program to find the common elements between two arrays (string values)
- 10) Write a Java program to remove duplicate elements from an array
- 11) Write a Java program to find the second largest element in an array.
- 12) Write a Java program to find the second smallest element in an array.
- 13) Write a Java program to separate even and odd numbers of a given array of integers. Put all even numbers first, and then odd numbers.
- 14) Write a Java program to find the k largest elements in a given array. Elements in the array can be in any order
- 15) Write a Java program to find the k smallest elements in a given array. Elements in the array can be in any order
- 16) Swap two array with tempary variable.
- 17) Swap three numbers with tempary variable
- 18) Program to copy all the elements of one array into another array
- 19) Program to find the frequency of each element of an array
- 20) Program to print the elements of an array in reverse order

- 21) Program to print the elements of an array present on even position**
- 22) Program to print the elements of an array present on odd position**
- 23) Program to print the sum of all the elements of an array**
- 24) Program to sort the elements of an array in ascending order**
- 25) Program to sort the elements of an array in descending order**
- 26) Swap two array with temp variable**
- 27) Swap three array with temp variable**