**Chapter 3 array exercise:**

**1.** Write a program in C to store elements in an array and print it.

**2.** Write a program in C to read n number of values in an array and display it in reverse order.

**3.** Write a program in C to find the sum of all elements of the array.

**4.** Write a program in C to copy the elements of one array into another array.

**5.** Write a program in C to count a total number of duplicate elements in an array.

**6.** Write a program in C to print all unique elements in an array.

**7.** Write a program in C to merge two arrays of same size sorted in decending order.

**8.** Write a program in C to count the frequency of each element of an array.

**9.** Write a program in C to find the maximum and minimum element in an array.

**10.** Write a program in C to separate odd and even integers in separate arrays

**11.** Write a program in C to sort elements of array in ascending order

**12.** Write a program in C to sort elements of the array in descending order.