Week 2 Assignment Question

1. Write a C++ program to count the number of occurrences of a number in an array using function.

2. Take two array as input, merge them and print it in reverse order using loop.

3. Write a C++ program to sort a given array using function.

4. Write a C++ program to print the following pattern using loop

   1
   2 3
   4 5 6
   7 8 9 10
   11 12 13 14 15

5. Write a C++ program to copy the elements of one array into another array.

6. Write a C++ program to find maximum occurring integer in an array.

7. Write a C++ program to move all the negative elements to one side of the array.

8. Write a C++ program to find the number of vowels and consonants in a string.

9. Write a C++ program to print the following pattern using loop

   * * * * *
   * * * *
   * * *
   * *
   *

10. Write a C++ program to find the total number of alphabets , digits and special characters in a string.

Practice Question

11. Write a C++ program to check whether a number is Armstrong or not using functions.

12. Write a C++ program to convert a decimal number to a binary number using functions.

13. Write a C++ program to take two 2-D array as input of order 3*3 and print the sum of two 2-D array.

14. Write a C++ program to take a 2-D array as input of order 3*3 and print the transpose of the 2-D array.

15. Write a C++ program to remove all characters except alphabets in a string.

16. Write a C++ program to find the second smallest elements in a given array of integers.

17. Write a C++ program to find the most frequent element in an array of integers.