

Week 2 Assignment Question

1. Write a 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 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 program to find maximum occurring integer in an array.
7. Write a program to move all the negative elements to one side of the array.
8. Write a 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 program to find the total number of alphabets , digits and special characters in a string.

Practice Question

11. Write a program to check whether a number is Armstrong or not using functions.
12. Write a program to convert a decimal number to a binary number using functions.
13. Write a 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 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 program to remove all characters except alphabets in a string.