1. A 5-digit positive integer is entered through the keyboard. Write a function to calculate sum of digits of the 5-digit number. Take the input in the main and print the output in the main function. Calculation should be done in another function.

Hint: If you enter 12345 as input, then the output will be 15 (1+2+3+4+5=15).

1. Write a **program** to **swap** the values of two variables using a function. [Hint: Call by reference].
2. Write a program to take the input of 5 marks entered by the user and display their sum and average. [Hint: Use array]
3. Write a program to display the first n prime numbers where the value of n is provided by the user.
4. Once two friends Alice and Bob doing summation in a range for their homework. Then Alice came up with a new idea that why not they find all the even numbers summation between two integer numbers x and y. But they are not mature enough to find all the even numbers and therefore Alice asked you to solve this problem (find all the even numbers in a range) and do their summation. But you are too busy about your assignment and have no time to find manually. So you have to write a program that will take two integers (x and y) as input, output all the even numbers between them and output the summation of all of those even numbers.

**Sample Input ( value of x and y )** 2 10

**Sample Output**

2, 4, 6, 8, 10

30