**Function Question**

1. Factorial of a number using python function.
2. Write a Python function that takes a list and returns a new list with distinct elements from the first list.
3. Write a Python program to find the intersection of two given arrays using Lambda.
4. Write a Python program to rearrange positive and negative numbers in a given array using Lambda.
5. Write a Python function that checks whether a passed string is a palindrome or not.
6. Write a Python program to get the sum of a non-negative integer.
7. Define a function that accepts roll number and returns whether the student is present or absent.
8. Write a recursive function that calculate sum of first n natural numbers.
9. Write a recursive function that accepts a number as its argument and returns the sum of digits.
10. Define a function which counts vowels and consonant in a word.