Hello students, this is your task related to the concept we had learned in the previous session related to user defined functions.

- Write a function to get Factorial of given num  
ber- Check whether the number is even or not  
- Check whether the user is eligible for voting or not?  
- Check whether the given character is a vowel or not?  
- Check whether the given number is Armstrong or not?  
- Check whether the given number is palindrome or not?  
- Make a customised calculator  
- Make a marksheet of the students with 5 subject of 100 marks each  
- Check whether the given number is prime or not?  
- Check whether the given year is a leap year or not?  
- Find the occurrence of 'a' in the given string below:\*\* (do this string related task without using build in functions like .length() function and all)  
- Count the length of the string character  
- Count number of letters in the string  
- Count number of words in the string  
- Count number of vowels in the string  
- Convert the given string into uppercase and lowercase