Python Practical IV
Deadline for submission: 28th September 2021, 3pm

Q1 Write a Python program to get a string from a given string where all occurrences of its first char have been changed to '@', except the first char itself.

Sample String : 'restart'
Expected Result : 'resta@t'

Q2 Write a function in python to count the number of vowels in a string entered by the user as an input. The function definition is: count_vowels(input string).

Sample Input String: India
Expected result: Number of vowels: 3

Q3 Write a Python function to check whether a string is a pangram or not.
Note : Pangrams are words or sentences containing every letter of the alphabet at least once.

For example : "The quick brown fox jumps over the lazy dog"

Q4 Write a program that:

   a. Prompt the user for a string
   b. Extract all the digits from the string.
   c. If there are digits
      Sum the collected digits together.
      Printout: The original string
                   The digits
                   The sum of the digits
   d. If there are no digits
      Print   The original string
                   A message "Has no Digits"