**Day 1**

**ASSIGNMENTS**

1. Write a pseudocode to determine whether a person is eligible to vote or not given his/her age. The voting eligibility criteria is that the person’s age must be >= 18.

1. Write an algorithm to determine whether a number is a prime number or not.

1. Write a pseudocode to reverse the digits of a number.

1. Write an algorithm to find the factorial of a given number.

1. Write a pseudocode to count the number of vowels in the string **CITIUSTECH.**

1. Write an algorithm for each pseudocode written in assignment 1, 3 and 5.

1. Write a pseudocode for each algorithm written in assignment 2, 4 and 6.