**Unit 11.1 : Programming Basics**

Class Activity: Week 1 (16 Jan 2023 to 22 Jan 2023)

1. What is the difference between a constant and a variable ?

A constant is a named value that cannot change during the execution of a program.A variables and constants should be declared before use.Constants will always be assigned a value when declared.

1. Write Pseudo Code to create a string called name and sets it to "Bob", and then count

how many characters are in that string and stores the answer (3) into a variable called

namecharcount

DECLARE name STRING

DECLARE namecharcount:INTEGER

name—“Bob”

namecharcount—LENGTH(name)

3) Convert the Pseudo code that you have written above to Python code.

# create string. variable

name=“Bob”

# count characters and store length

namecharcount =len(name)