**Python Assignment 1**

1. In the below elements which of them are values or an expression? eg:- values can be integer or string and expressions will be mathematical operators.

**Answer:**

**Values:** ‘hello’

-87.8

6

**Expressions:** \*

-

/

+

1. What is the difference between string and variable?

**Answer:**

**Variable:** A variable is basically the name of the location in the primary memory of the system. A variable can store everything from strings to numbers. Variable can hold the string value.

**String:** A string is the values inside the single or double quotes assigned to a string. Strings is a data type for a sequence of characters. String can’t hold a variable.

1. Describe three different data types.

**Answer:** Three different data types are.

* Numeric Data Type
* Sequence Data Type
* Set Data Type

**Numeric Data Type:** The numeric data type in Python represents the data that has a numeric value. A numeric value can be an integer, a floating numbers.

* **Integers**– This value is represented by int class. It contains positive or negative numbers (without fractions or decimals). No limit to have an integer value.
* **Float**– It is specified by a decimal point.