Assignment 1(python basic)

Answer 1.

Answer2. Variable can be defined as the name of the memory location to store the information. For example : name = 67 where name is where to store data 67.

String is type of data which can be stored in a variable. Name= “shu” where shu is string

Answer 3. The three types of string are

String , numeric and list.

String = A string data type is used to represent a sequence of characters in a program. In most programming languages, a string is a sequence of characters enclosed in quotation marks. For example string tyagi =”Shubham tyagi”

* Numeric datatype= numeric datatype can be defined as the data type used for numbers in int, Boolean etc are some of the famous data types for example = int 4= 33
* List is a sequence datatype in which [] are represent list datatype used to define a list type variable

Top of Form

Answer 4. The expression is made up of values, variables, operators and functions calls that can be evaluated to produce a result. Examples of expressions include arithmetic expressions, string litrels, functions calls and variables reference. The expression always return a value.Bottom of Form

Answer 5

The expression can be defined the line which is made up of variable , values, operators and functions calls that can be evaluated to produce a result . for example spam= 3+4

Spam\*3 its is expression,. And on other hand statement can be defined as simple line of code which never return a value. For example= x=5

Answer 6.

After running the code bacon =22

Bacon +1 result = 23

Answer 7.

For both the statements the values will be same ‘spamsapmspamspam’

Answer 8

Eggs is is valid as it follows the python rules to be variable and 100mdoes not in egg the e is a letter of upper or may be a lower case but in 100 it starts with number which is a invalid variable.

Answer 9.

The three function which can be returned are int() , str(), float()

Answer 10

This is the common error as its is trying to group the string and integer directly and 99 is non identified thus using str(99) to define it as string to get it combined.