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.

\* = Expression

'hello' = Value

-87.8 = Value

- = Expression

/ = Expression

* = Expression

6 = Value

2. What is the difference between string and variable?

A Variable is a store of information, and a String is a type of information you would store in a Variable. A String is usually words, enclosed with " "

Eg String x ="Welcome to iNeuron"

X is the Variable, and we declared it as a String, use the single = to assign the text to it.

3. Describe three different data types.

String : String is a data type that we can use to define words.

Float : Float is a Data Type that we can use to define decimal numbers.

Integer : Integer is a data type that can be use to define numbers

4. What is an expression made up of? What do all expressions do?

5. This assignment statements, like spam = 10. What is the difference between an expression and a statement?

6. After running the following code, what does the variable bacon contain?

bacon = 22

bacon + 1

7. What should the values of the following two terms be?

'spam' + 'spamspam'

'spam' \* 3

8. Why is eggs a valid variable name while 100 is invalid?

9. What three functions can be used to get the integer, floating-point number, or string version of a value?

10. Why does this expression cause an error? How can you fix it?

'I have eaten ' + 99 + ' burritos.'