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.

\* -Operator

'hello'-String Literal

-87.8-Floating point literal

- -operator

/ -operator

* -operator

6 -Integer literal

2. What is the difference between string and variable?

String is a data type and collection of characters stored in memory.Variable is a name reference to the memory location

3. Describe three different data types.

Integer,String,Complex

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

Operands and operators.It will perform operations on operands.

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

Python program is a collection of statements and some of the statements are expressions or may contain expressions.

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

bacon = 22

bacon + 1

22

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

'spam' + 'spamspam' spamspamspam

'spam' \* 3 spamspamspam

8. Why is eggs a valid variable name while 100 is invalid? Variable name cannot start with a digit

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

int() float() str()

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

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

Fix: 'I have eaten ' + ‘99’ + ' burritos.'

We cannot use + operator with an integer and a string