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' - Values

-87.8 - Values

- : Expression

/ : Expression

* : Expression

6 : Values

2. What is the difference between string and variable?

Ans : A Variable is a store of information, and a String is a type of information you would store in a Variable

3. Describe three different data types.

Ans: Numeric data types: int, float, complex.

* String data types: str.
* Sequence types: list, tuple, range.
* Binary types: bytes, bytearray, memoryview.
* Mapping data type: dict.
* Boolean type: bool.

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?

Ans : An expression is a construct made up of variables, operators, and method invocations, which are constructed according to the syntax of the language, that evaluates to a single value

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

bacon = 22

bacon + 1

Ans : 23

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?

Ans : Because variable names cannot begin with a number.

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

Ans : int() , float() , and str( )

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

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

Ans : We have to convert 99 (int) in string then we can use Concat Function.