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' : String

-87.8 : Integer

- : Expression

/ : Expression

* : Expression

6 : Integer

2. What is the difference between string and variable?

Ans : **A string which does not contain any value but a variable that can contain value like integer & string**.

3. Describe three different data types.

Ans : **Integer, Float & String**

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

Ans: **Expression made up of operand & operator. Operator manipulate the data and provides some o/p.**

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

Ans: **Statement states some values to the variable where as an expression provides an o/p of manipulation of data.**

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'

Ans : **spamspamspam**

'spam' \* 3

Ans : **spamspamspam**

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

Ans : **We can store values in eggs where as 100 is a constant.**

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

Ans : **not sure**

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

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

Ans : Concatenation is not possible in between integer and string , hence it will throw an error. So to fix it can be used single quote mark on 99 .

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