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.

Ans- \* expression

'hello'- string

-87.8 - integer (float)

- expression

/ expression

* expression

6 integer

2. What is the difference between string and variable?

Ans- String have fixed value whereas variable having changeable value

3. Describe three different data types.

Ans- String, integer, complex, boolien

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

Ans- Expression is made up of operands & operators. All expressions evaluates value of that character.

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

Ans- Expression evaluates value of spam is 10 & statement shows like spam there is 10 times.

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'

'spam' \* 3

Ans- 'spamspamspam'

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

Ans- 100 is an predefined integer & we can define any value for eggs

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

Ans- int, float, str

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

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

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