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 -value

2. What is the difference between string and variable?

String-String is a collection of words,alphabets or other characters

Variable-Reserved memory location to store values like strings ,integer

3. Describe three different data types.

1)Boolean

2)Numeric

3)Set

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

Expressions is made up of mathematical operator.,variables.

a combination of operators and operands that is interpreted to produce some other value

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

expression always Produces or returns a result value.

statement may or may not produces or displays a result value.

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

bacon = 22

bacon + 1

23

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

'spam' + 'spamspam'

o/p='spamspamspam'

'spam' \* 3

o/p='spamspamspam'

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

Variable name cannot start with number

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.'

"99" should be declared as string thats why it is showing as error.