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.

\* = multiplication (mathematical operation)

'hello' = (String)

-87.8 = (integer)

- = substraction(mathematical operation)

/ = division(math operation)

6 = integer

2. What is the difference between string and variable?

String= It is a chatacter or collection of character.

Variable = pointer to an object.It is used for reference the value.

3. Describe three different data types.

list = It is a collection data type which is used to store multiple values.

int = Mathematical data type which is used to assign mathematical values.

String = Immutable data type which stores ordered sequence of character.

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

An expression is a mixture of values,variable,operators,and calls to functions.

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

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'

'spam' \* 3

=> They both give -> 'spamspamspam'

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

=> Beacuse

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

int = integer

float = floating point number

string = default inside ('---' or "----")

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

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

just by replacing both '+' sign with ',' around the 99 value.