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' Value

-87.8Value

- Expression

/ Expression

* Expression

6 Value

2. What is the difference between string and variable?

A variable is the name of the location.A variable can store strings or numbers.

A string is a datatype that is used to represent text.

3. Describe three different data types.

Integers, Floating Point Numbers, Boolean, String.

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

Expression is made up of operators,variables and numbers.

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

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?

Variable name can only be a string, not a number.

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

int,float,

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

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

Can only concatenate str to str.

cannot concatenate str to int.