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- multiplication

'hello' Values- String

-87.8 Values- Float

- Expression- subtraction

/ Expression- Division

* Expression- Addition

6 Value- integer

2. What is the difference between string and variable?

A string is value or data type  
where as Variable is where you store on of the data types

3. Describe three different data types.

String, integer, Boolean

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

Expressions are mathematical operators. They perform mathematical tfunction between data types or variables holding said data types

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

Statements express an action or instruction. Expression is a grouping of elements such as variables, actions, and values that give certain outcome.

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' = 'spamspamspam'

'spam' \* 3 = 'spamspamspam'

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

Because it’s an integer

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 is not string value

'I have eaten ' + ‘99’ + ' burritos.'