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?

Variable is a store of information and string is the type of inf. Which is stored inside the variable.

3. Describe three different data types.

Integer,floating,string

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

An expression is made up of combination of operators and operands which is used to produce some value.

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

Statement is mostly used to create a value and to display it but an expression is used to evaluate the value.

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

bacon = 22

bacon + 1

23 will be stored in bacon

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?

Eggs is not predefined and it’s a normal name so it can be valid but 100 is an integer so it cant be an valid variable

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.'

As string can only be concatinated with string not integer so there is error here.