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.

\* -mathematical operator

'hello' - string (value)

-87.8 - integer (value)

- -mathematical operator

/ -mathematical operator

* -mathematical operator

6

2. What is the difference between string and variable?

String has fixed value data whereas variable can store different values (integers/strings etc).

3. Describe three different data types.

Int – integers

Float – decimal numbers

Bool- Boolean values 0 or 1

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

Expression consists of operators and operands and returns a value

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

Expression retuns a value whereas statement doesn’t return any value.

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

bacon = 22

bacon + 1 Ans: 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?

Variables name cant start with a 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.'

'I have eaten ' + str (99) + ' burritos.'