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.

\*

'hello'

-87.8

-

/

6

Answer: - , / , +

2. What is the difference between string and variable?

String is a set of alphabets or defined as string eg: “abhau”

Variable is used to store details or data like X=10 in this X is the variable

3. Describe three different data types.

Integer, Float, Boolean

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

Expression is made of functions with the intention to get some results,

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

Statement is made up of one or more expressions.

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?

An integer cannot be name

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

Type()

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

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

You can’t add an integer and string can’t be added.

'I have eaten ' + ‘99’ + ' burritos.'