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.

\* = expressiom

“hello” = string value

-87.8 = float value

- = expression

/ = expression

+ = expression

6 = int value

1. What is the difference between string and variable?

Ans = string is a predefined datatype which holds alphabetical value whereas variable is used to store value with different datatypes

1. Describe three different data types.

Ans = a. int = store neagtive and positive integers

1. Float = stores real numbers
2. String = stores alphabetical value
3. What is an expression made up of? What do all expressions do?

Ans = expression made up of operators and operands. Expression is used to do computations using various mathematical logic .

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

Ans = expression tries to produce value whereas a statement do not.

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

bacon = 22

bacon + 1

Ans = 23

1. What should the values of the following two terms be?

‘spam’ +’spamspam’ = spamspamspam

‘spam’ \* 3 = spamspamspam

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

Ans = varibale name may start with alphabet but not with integers

1. What three functions can be used to get the integer, floating-point number, or string

version of a value?

Ans = int(),float(),str()

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

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

Ans = integer can not be added with string.

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