1. What are the differences between operators and values in the following?

\*

A. This is used for multiplication operation

'hello'

A. This is a string type value

-87.8

A. This is a float type value

-

A. This is used to perform subtract operation for the given values

/

A. This is used to perform divide operation for the given values

+

A. This is to perform addition operation for the given values

6

A. This is a int type value

Operators used to perform arithmetic operation on the given values

2. What is the difference between string and variable?

Spam

A. This is a variable

'spam'

A. This is s string

String is a datatype that hold string values. Where variable is address of main memory location that holds assigned value .

3. Describe three different data forms.

A. Numeric(int, float), String and List

4. What makes up an expression? What are the functions of all expressions?

A. Variables, constants, operators like arithmetic makes up the expression

5. In this chapter, assignment statements such as spam = 10 were added. What's the difference between a declaration and an expression?

A. Here Spam is declared variable and int value 10 is expression

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

bacon = 22

bacon + 1

A.23

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

'spam' + 'spamspam'

A. spamspamspam

'spam' \* 3

A. spamspamspam

8. Why is it that eggs is a true variable name but 100 is not?

A.Variable names shouldn’t contain digits. So, eggs is true variable name but not 100.

9. Which of the following three functions may be used to convert a value to an integer, a floating-point number, or a string?

Integer---- A. int()

Floating-point-----A. float()

String-----A. string()

10. What is the error caused by this expression? What would you do about it?

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

A. String+int values concat cause an error unsupported operand type(s) for +: 'int' and 'str'