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

\* Operator for multiplication

'hello' String value

-87.8 Numerical value

- Operator for subtract

/ Operator for divide

+ Operator for addition

6 Numerical value

2. What is the difference between string and variable?

Spam : Variable is named memory location, we will assign the values in that variable

'spam' : String is a data type and I can say that collection of characters

3. Describe three different data forms.

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

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

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

bacon = 22

bacon + 1

Ans: After running the above code bacon value is 22 only.

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

'spam' + 'spamspam' : ‘spamspamspam’

'spam' \* 3 : ‘spamspamspam’

Both are same.

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

Ans: Variable name should not start with a number and special characters excluding (‘\_’)

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

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

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

Ans: Type Error: must be str, not int

It should be same data type to add the strings