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

A.

\* :- used for multiplication operator

'hello' :- its is a srting type

-87.8 :- it is a float type

- :-it is a subtraction operator

/ :- it is a divide operator

+ :- it’s a addition operator

6 :-its an integer data type

2. What is the difference between string and variable?

A.

spam :-its an variable name

'spam' :-it’s a string type

3. Describe three different data forms.

A. String type, Integer type, Float type

Example for string type are “HI”, ’hello’, “hi hello”

Example for Integer type are 120, 1234, 10

Example for Float type are -1234.4, 12.00, 01.23

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

A. Expression are used to complete a sentence. For example “A”+”K”

Is string and if we want to add that we used ‘+’ operator for addto

To get complete expression like”AK”.

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

A. spam is a variable in which 10 is assigned.

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

bacon = 22 ,bacon + 1

1. Bacon will have 23 because of we incremented the bacon value

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

A.

'spam' + 'spamspam'= ”spamspamspam”

'spam' \* 3= “spamspamspam”

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

We cant create a variable name which start from numbers

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

To convert str(),int(),float()

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

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

can only concatenate string to strin.we cant add integer to string only way to add above expression is by making integer to

string is like this “99”

('I have eaten ' + '99' + ' burritos.') then we can add and output will be like below

'I have eaten 99 burritos’.