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

\* Operator

'hello' Value

-87.8 Value

- Operator

/ Operator

+ Operator

6 Value

2. What is the difference between string and variable?

Spam it’s a VARIABLE

'spam' This is a STRING

3. Describe three different data forms.

String

Integer

Floating

And Boolean

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

An expression is a combination of values, variables, operators, and calls to functions,  an expression can return other types of values as well, such as boolean or String

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

Expression are representation of values

Declaration means action or command

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

bacon = 22

bacon + 1

it will gives an Output = 23

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

'spam' + 'spamspam' / This will concatenate

'spam' \* 3 / 'spamspamspam' This will multiply it with 3.

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

Egg is a correct variable and 100 is a number and numbers aren’t use as .

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

10.0

10

‘10’

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

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

Error :

print('i have eaten' +99+' burritos')

can only concatenate str (not "int") to str

Solution :

print(' i have eaten ' +str(99)+' burritos.' )