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?

String a string is a value representing text a variable is a name that can refer to any value quotes, double or single

Spam - Variable

'spam' - String

3. Describe three different data forms.

3. Integers, Floating-Point Numbers, Complex Numbers, Strings. Boolean Type

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

6. 23

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

'spam' + 'spamspam' - 'spamspamspam'

'spam' \* 3 - 'spamspamspam'

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

8.

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

9. Python allows us to convert strings, integers, and floats interchangeably in a few different ways. Basically, str() , int() , and float() functions.

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

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

10. **TypeError**: can only concatenate str (not "int") to str

Correction in the code - 'I have eaten ' + str (99) + ' burritos.'