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 -------🡪string

'spam' -----------🡪variable

3. Describe three different data forms.

Numbers, Characters, Booleans

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

All functions (at least the formulas represented by them) are expressions, but not all expressions are functions.

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

bacon = 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?

Variable name cannot be a number or word starting with number

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

Int()

Float()

Str()

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

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

String and integer cannot be added