1. Which of the following are operators, and which are values?

\* Operator

‘Hello’ Value

-88.8 Value

- Operator

/ Operator

+ Operator

5 Value

1. Which of the following is a variable, and which is a string?

spam variable

‘spam’ string

1. Name three data types

Integers

Floating-point numbers

Strings

1. What is an expression made up of? What do all expressions do?

Expressions consist of values and operators, and they can always evaluate down to a single value.

1. This chapter introduced assignment statements, like spam = 10. What is the difference between an expression and a statement?

In an one expression you always operate on values and a statement is basically to storage information

1. What dos the variable bacon contain after the following code runs?

Bacon = 20

Bacon + 1

Bacon = 21

1. What should the following two expressions evaluate to?

‘spam’ + ‘spamspam’

‘spam’ \*3

The same

1. Why is eggs a valid variable name while 100 is invalid?

Because number are invalid variable names

1. What three functions can be used to get integer, floating-point number, or string version of a value?

str(), int(), float()

1. Why does this expression cause an error? How can you fix it?

‘I have eaten’ + 99 + ‘burritos.’

Because you can´t sum string and number

You can fix this like this:

‘I have eaten’ + ‘99’ + ‘burritos.’