Aliza Shahzad

Module B.2 Level2 Answers

1. a) puppies / 3= error message

b) kittens / 3 does not work because puppies is the variable that is used, not kittens.

1. a) ->>>puppies=36

>>>puppies

36

->>>puppies=puppies/6

>>>puppies

6.0

->>>puppies

>>>puppies

Error Message

1. Read through the rules
2. a) >>>color = ”red”

>>>color

‘red’

->>>puppies = 36

>>>puppies

36

->>>color + puppies

Error Message (because a color and a number cannot be added)

1. a) In color+day\*fishes, python does the multiplication first according to the order of operations. In (color+day)\*fishes, python does the addition first because its in brackets. Therefore, both commands give different results.
2. a) r=4

b) fruit[7-mynumber]

1. a) “=” is used when creating a variable and giving it a value. “==” is used when working with numbers to do comparisons. “==” basically means equal to.

b) My mnemonic:

“=” is used for variables and values

“==” is used for numbers and comparisons

1. a) “friend”+5 does not work because the number 5 cannot be added to the word “friend”. Python can’t concatenate them together because they are two different types of data.

b) A str is a string whereas int is an integer.

1. a) “friend”+5 is an example of a “TypeError”
2. a) >>>print(“Aliza”,”Shahzad”)

Aliza Shahzad

1. a) type(“true”)=<class ‘str’>

b)type(true)= Error Message

c) The reason as to why the result was different was because the word true inside the brackets wasn’t in quotation marks in type(true).

1. a) I think that it is important to have Boolean data type because we use it a lot we making decisions about what to do in our code.
2. a) I think that there is no “maybe” Boolean because “maybe” is in the middle. It is not a reliable answer.