Module B.2 - Level 2 Answers

1. a. It gives 12.0

b. It doesn’t work because kitten does not have a value given to it. Therefore, 3 cannot be

divided if the the value before it is unknown.

1. First a value is being given to the word “puppies”. The value in 36. Then, the value of “puppies” is being changed to puppies divided by 6, which is 6. Finally the word “puppies” states its value of 6.
2. Done
3. The value red is being given to “color”. Then, the value 36 is being given to “puppies”. Finally, color and puppies are being added, however there is an error since red and 36 cannot be added together.
4. a. The expression is following BEDMAS, so it starts off with multiplication then

addition. Therefore, day and fishes are being multiplied first and then color is being

added to get “yellowmondaymondaymonday”.

b. The expression is following BEDMAS too, so it starts off with the brackets and then

multiplication. Therefore, color and day are being added and then that answer will be

multiplied by fishes to get 'yellowmondayyellowmondayyellowmonday'

1. a. The index is 4.

b. The expression is fruit[mynumber+1]

1. a. ‘=’ means to assign a value to a variable where ‘==’ compares two values together

b. When using ‘=’, it is stating “this represents that” and when using ‘==’, it is stating “is

this equal to that?”

1. a. It doesn’t work because a string and a number cannot be added.

b. Int represents integers (numbers) and str represents strings (words in quotation marks).

1. It is an example of a Syntax Error.
2. print(“Yashna Mistry”)
3. a. It is <class 'str'>.

b. It is <class ‘bool’>

c. It is different because one is a string due to the quotation marks around True, while the

other is a boolean because it has no quotation marks around True.

1. Booleans are important to computer programming they are used a lot in programming, especially when making decisions about codes.
2. There is no “maybe” because all questions are facts so they only have one answer to them.