Module B.2 - Level 3 Answers

1. a. i) True

ii) False

iii) False

iv) False

b. There are no more pair combinations, however there are combinations that have more

than 3 trues/falses.

c. The AND operator is similar an addition sign because both objects are being compared

together, so they are being added together to be compared. They are different because

the answers for the AND operators are in either True or False format whereas an

addition answer would have a integer/word answer.

1. a. i) True

ii) True

iii) True

iv) False

b. The AND and OR operators are similar due to them both comparing ‘objects’. They

are different because one compares the objects together while the other one compares

them as separately.

1. a. i) False

ii) False

iii) False

iv) True

b. It is similar to the AND operators because (**COMPARE 1 and 3)**

1. a. They give different results because one is in brackets. The first expression solves the

brackets first, which gives an answer of false. Then the NOT operators makes it a True.

Whereas the second expression solves the NOT operator first, which gives False. Then

it solves the OR operator which gives the answer False.

b. They give the same results because one is in brackets. The first expression solves the

brackets first, which gives an answer of True. The the NOT operators makes it False.

Whereas the second expression solve the NOT operator first, which gives False. Then

it solves the AND operator which gives the answer True.

1. a. Three more expressions could be 5 >= 10 or 10 != 25, True and 2 < 4 and not (5==5 or

False)

b. True, True and False

1. a. Toronto Raptors, Toronto Maple Leafs

b. Variable:SportTeams

SportTeams=[“Toronto Raptors”, “Toronto Maple Leafs”]

c. >>>SportTeams

‘Toronto Raptors, Toronto Maple Leafs’

1. a. The index is 1

b. A Syntax Error

1. Done
2. mynumber=3

If mynumber==3:

print(“3”)

1. if myname == "Yashna":

print("Hi Yashna!")

else:

print("Angel!")

1. if myname == “Orna”:

print(“Hi Orna!”)

elif myname == “Aliza”:

print(“Hi Aliza!”)

elif myname == “Shriya”:

print(“Hi Shriya!”)

elif myname == “Nupur”:

print(“Hi Nupur!”)

else:

print(“My Best Friends”)