Aliza Shahzad

Module B.2 Level 1 Answers

1. a) 1+25-5+26-1+1

b) 47

1. a) 20\*5/2\*3/3\*8

b) 400.0

1. a) Whole # Answer: 28/7

b) Decimal Answer: 15/2

c) 28/7= 4

15/2=7.5

1. a) round(28/7)

round(15/2)

b)round(28/7)=4

round(15/2)=8

1. a) “==” means **equal to** instead of “=” because “=” can represent other items whereas “==” only represents one tem which is equal to.

b) “=” means **is** (e.g. a+b=c, a+b is c)

1. a) False: 5\*3+5-2/3==6

b) True: 10/2+5-3\*2==4

c) False Answer:19.33

True Answer:4.0

1. a) The reason as to why typing “apple” works and typing apple without quotes gives an error is because if you want python to read a string, it must be inside quotes.

b) “2+5” does not equal 7 because strings do not solve the math expressions. They just put the expression into single quotes.

1. a) The reason as to why typing “appl” + “e” works and typing “apple” – “e” gives an error because strings can be added together but a string cannot be subtracted.

b) “Hello” / 10 does not work because a string cannot be divided into parts. “Hello” \* 10 works because a string can be multiplied and increased.

1. a) Aliza

“A” + “l” + “i” + “z” + “a”

A: 0

L: 1

I: 2

Z: 3  
A: 4

1. a) the reason why print(“Hello!”[4]) does not print “l” is because indexes don’t start from 1, they start from 0. “l” would be 3.

b) print(“Hay, Bob!”[4]): Space( )

print(“Hay, Bob!”[3]): ,

print(“Hay, Bob!”[5]): B

1. a) The reason as to why print(“Hello!”[7]) gives an error is because the indexes only go up till 5.