Introduction To Python – Quiz 3

Q1) What will happen when this code runs?

x = 5

if x < 10:

print(“X is less than 10”)

if x < 8:

print(“X is less than 8”)

print(“Done”)

X is less than 10

X is less than 8

Done

Done

X is less than 10

Done

Q2) What will happen when this code runs?

x = 9

if x < 10:

print(“X is less than 10”)

if x < 8:

print(“X is less than 8”)

print(“Done”)

X is less than 10

X is less than 8

Done

Done

X is less than 10

Done

Q3) The elif can **never run**, no matter what x is:

x = 9

if x < 10:

print("X is less than 10")

elif x < 5:

print("X is less than 5")

else:

print("Unknown")

1. True
2. False

Q4) What will print out when this code runs? You can choose more than one option.

x = 6

if x % 2 == 0:

if x % 3 == 0:

print(“Cool number!”)

else:

print(“Lame number!”)

else:

print(“Weak sauce!”)

Cool number!

Weak sauce!

Lame number!

Q5) What will print out when this code runs? You can choose more than one option.

x = 4

if x % 2 == 0:

if x % 3 == 0:

print(“Cool number!”)

else:

print(“Lame number!”)

else:

print(“Weak sauce!”)

Cool number!

Weak sauce!

Lame number!