Computer Science Quiz:

if, elif, else, and more: Part 1.

1) Python’s else is more commonly expressed as what in English?

A) the princess from Disney's Frozen

B) do not

C) otherwise

D) condition

2) You can't have an elif without...

A) an else

B) an elif

C) an if

D) 2/3rds majority in the senate

3) True or False, you can have as many else’s in a row as you want, like this:

if something:

do stuff

else:

do stuff

else:

do stuff

4) According to this code, is it possible to put on a coat AND enjoy the great outdoors? (Assume snowing and raining are variables that have already been initialized.)

if snowing:

putOnCoat()

elif raining:

getUmbrella()

else:

enjoyOutside()

yes or no

5) According to this code, is it possible to put on a coat AND enjoy the great outdoors?

if snowing:

putOnCoat()

if raining:

getUmbrella()

else:

enjoyOutside()

yes or no

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6) True or false, this code prints “longer”?

if len("short") > len("long"):

print("longer")

7) What line of code will run after line 3 in the following program?

1 x = 7

2 y = x - 12

3 if y < x:

4 print("cat")

5 elif x!=0:

6 print("dog")

A) 4

B) 5

C) 6

D) 28

8) What line of code will run after line 3 in the following program?

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C) 6

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9) Suppose the variable x has already been created and given a numeric value. Write code that prints "big number" if x is greater than 100.

10) Circle the line of code that is broken in this program.

speed = 70

if speed >= 75:

print("Issue speeding ticket")

elif speed > 70:

print("Issue warning")

else speed<=70:

print("No action")

11) What error does this code throw?

condition = input("?")

elif condition=="A":

print('A')

else:

print('B')

A) Syntax Error

B) Type Error

C) Name Error

D) Divide by Zero Error