**Files**

file = open(“fred.txt”, “r”)

for item in file:

 print(item)

1) Suppose I run the code above but the file **does not exist**. What happens?

 a) The program runs and has no output

 b) The program crashes on the print line

 c) The program crashes on the open line

2) Suppose I run the code above but the file **is empty**. What happens?

 a) The program runs and has no output

 b) The program crashes on the print line

 c) The program crashes on the open line

3) Suppose I run the code above and the file exists and has content. How many times does the loop execute?

 a) One time

 b) One time per character in the file

 c) One time per word in the file

 d) One time per line in the file

 e) One time total

a = “12,13,14,15,16”

b = a.split(“,“)

4) What type is the variable ‘b’?

 a) It’s a string

 b) It’s a float

 c) It’s an integer

 d) It’s a list

5) How do I determine if a file exists? Choose all that work.

 a) open(filename) and if it works the file exists

 b) os.path.isfile(filename) and if it returns true the file exists

6) How do I learn the last modify time of a file?

 file = open(filename) print(os.stat(filename).mtime)
 print(file.mtime)

7) Write me two lines of code that writes “abba” into a file named “music.txt”

8) What non-snake makes you think of programming the most?

**If Statements**

9) What does this code print?

grade = 92

if grade > 60:

 print(“D”)

elif grade > 70:

 print(“C”)

elif grade > 80:

 print(“B”)

elif grade > 90:

 print(“A”)

else:
 print(“Real Bad”)

**Lists**

weird = [82,65,50,37,26,17,10,5,2].

10) What is the result of weird[7:-1]?

11) How do I append a -5 to the tail end of the list. Write one line of code.

**Try**

12) Write code using the word ‘try’ that tries to open a file, but that’s not possible it does not kill your program but instead print “File not found”.