Week 2 Quiz

9 Questions

1. In the code pictured here, what will happen if the user inputs the values "h" and "p"?

51/59 **A** stop execution and p int a traceback

6/59 **B** p int "hp"

0/59 **C** p int 0

2/59 **D** p int "h + p"

```
def add(a,b):
    return a + b

print (add(int(input()),int(input())))
```

2. A try/except statement is used to:

1/60 **A** fix programming errors

11/60 **B** prevent programming errors from occurring

46/60 **C** catch an error during program execution

2/60 **D** attempt to iterate over a list

3. In a try/except block, code inside the finally statement will execute under which condition?

10/60 **A** after try, but only when an exception is raised

9/60 **B** after try, but only when an exception does not occur

40/60 **C** after try, regardless of whether or not an exception is raised

1/60 **D** only if try statement is not executed

4. In a try/except block, code inside the else statement will execute under which condition?

22/60 **A** after try, but only when an exception is raised

27/60 **B** after try, but only when an exception does not occur

5/60 **C** after try, regardless of whether or not an exception is raised

6/60 **D** only if try statement is not executed

5. In a try/except block, code inside the except statement will execute under which condition?

56/63 **A** after try, but only when an exception is raised

0/63 **B** after try, but only when an exception does not occur

3/63 **C** after try, regardless of whether or not an exception is raised

4/63 **D** only if try statement is not executed

6. The pathlib module allows you to add which type of functionality to your program?

41/63 **A** interact with the host filesystem

0/63 **B** handle exceptions

1/63 **C** recursion

21/63 **D** all of the above

7. In a few words, describe what is missing from this code sample.

```python
def read_file():
    file_name = input("What file do you want to read? ")

    f = open(file_name)

    for l in f.readlines():
        print(l)

read_file()
```

> **i** The file was opened, but not closed, so missing "f.close()"

8. In my lecture, I use onions as an example of what programming concept?

3/63 **A** abstraction

56/63 **B** recursion

2/63 **C** inheritance

2/63 **D** composition

9. The code pictured here is an example of what programming concept?

3/63 **A** abstraction

52/63 **B** recursion

6/63 **C** inheritance

2/63 **D** composition

```python
def foo():
    foo()
```