

CIS 122 Quiz 1

Name: _____

Student ID# _____

Why did you enroll in this class?

How did you hear about it?

How is the pace of the class so far?

1) Python has two different data-types for two different kinds of numbers. What are they?

integer (or int) for whole numbers -- like 2 or 17

float for numbers with decimals -- like 3.14159

2) Consider the following snippet of python:

```
theInput = raw_input("Enter a number ")
type(theInput)
```

If the user types in '2.0' and a return in response to the "Enter a number" prompt, then the value returned by `type(theInput)` will be (circle one):

a. `<type 'int'>`

b. `<type 'bool'>`

c. `<type 'float'>`

d. `<type 'str'>`

raw_input always returns a string,

regardless of what the user enters

3) Consider the following python program.

```
i = 1
while i < 4:
    print "Number", i
    i = i + 1
```

when i is equal to four, the while condition is no longer true, so the loop terminates (before printing 4)

What would the output of the program be:

Number 1

Number 2

Number 3

4) On the back of this page: write a python program that asks the user to enter an integer number, and prints "Success" if they entered the number 7, or "Failure" if they enter any other number

```
userInput = raw_input("Guess a number")
if int(userInput) == 7:
    print "Success"
else:
    print "Failure"
```