

Clearly PRINT your full name: _____

CS 2316 – Spring 2016

THIS SIDE UP!

QUIZ 1 Python Quiz

1. Write a line of Python code that finds the remainder left over after you divide 10 by 3 and assigns it to a variable named X:

2. How is your personal computer backed up? (i.e. who would give you back your cs2316-hw05.py document if your computer crashed?) Circle all that apply.

CrashPlan

Carbonite

Google

Microsoft

Apple

External HD

CD-R's in a shoebox

Prayer

What's a backup?

3. What does each of the following expressions produce? Write your answer beside the expression exactly as IDLE would:

- `int(float('16.7'))`
- `'23' + '16'`
- `str(1+2*3)`

4. Write exactly what IDLE would print when you executed the code below in the space to the right of the code:

```
def areaOfSquare(sideLength):  
    a = sideLength ** 2  
    return a  
  
a = 2  
print("Area is:", areaOfSquare(a) )  
print(a)
```

5. Write a one or two sentence definition for the following vocabulary words:

- argument

- parameter

6. Write a function in Python called **legalAddress** that will be passed the numeric part of an address (as an integer) and return True if it is legal, and False if it is illegal according to the following rules:

- Negative Numbers: illegal
- 0-511: illegal
- 512-4999: LEGAL
- 5000-5999: Illegal
- 6000-65023: LEGAL
- Numbers above 65023: Illegal