Do Now

Wednesday, June 10, 2015

**Reviewing: dictionaries, lists, CSVs**

1) What's the output of the following lines?

name = "Max"

print "hello", "name"

print "hello", name

2) What is the output of the following code? Which lines give you errors?

borough\_name = 'Manhattan'

z = [ 'Manhattan', 'Queens' ]

x = { 'borough\_name': 'Manhattan', 'population': 500 }

y = {

'Manhattan': 500,

'Queens': 200

}

print x['borough\_name']

print x[borough\_name]

print x[0]

print y['borough\_name']

print y[borough\_name]

print y[0]

print z['borough\_name']

print z[borough\_name]

print z[0]

3) We have a list called numbers, but we had an off-by-one error: add one to every element of the list, then sum the results. *Do this in one line.*

4a) Given the following, write code to calculate how many murders we have in total.

murders = { 'Albany': 23, 'Kings County': 10, 'Rochester': 7, 'Yonkers: 9 }

4b) Write code to calculate the percentage of the murders happened in Kings County.