Do Now

Monday, June 6, 2016

**Reviewing: dictionaries, lists**

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

name = "Tara"

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 of integers called numbers. Loop through them but instead of printing the number print a number 100 times as big as the original number.

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.