

Name: _____

MTH 337

Person Number: _____

Quiz 4

	Python Code	Result	
1	<pre>a = [x*(x+1) for x in range(1,5)] print(a)</pre>		
2	<pre>a = ['aly','bob','charlie','dave'] b = [s for s in a if len(s) == 3] print(b)</pre>		
3		Let <code>plist</code> be a list of all primes smaller than 1000. Use <code>plist</code> and list comprehensions to produce a list of squares of all primes that are smaller than 1000 and whose last digit is 1.	
4		For the remainder of this quiz, assume that the following code has been executed: <pre>import matplotlib.pyplot as plt</pre> Write code that plots points with coordinates (0, 1), (1, 2), (2, 3) as red circles, and points with coordinates (4, 5) and (6, 7) as green circles.	
5		Add the title “Quiz 4 plot” to the above plot.	
6		Set the range of x -values displayed on this plot to $0 \leq x \leq 10$.	

Total Points: