

Name: _____

MTH 337

Person Number: _____

Quiz 7

	Python Code	Result	
1	<pre>import numpy as np a = np.ones((4,4)) a[:2, 2:] += 2 print(a)</pre>		
2	<pre>b = np.arange(9).reshape(3,3) mask = (b % 2 == 0) b[mask] = 0 print(b)</pre>		
3		<p>For the remainder of this quiz assume that the following code has been executed:</p> <pre>import numpy as np import matplotlib.pyplot as plt</pre> <p>Write code that creates a 2-dimensional numpy array with 3 rows and 5 columns, with entries randomly selected from the interval $[0, 1)$.</p>	
4		<p>Write code to create and display a red rectangle of height 20 and width 40 using <code>plt.imshow</code>.</p>	
Total Points:			