

MTH 337 Quiz 7 Sample: NumPy Arrays and Indexing

Name:

	Python Code	Result
1)	<pre>import numpy as np print(np.ones(4))</pre>	
2)	<pre>print(np.zeros(3, dtype=bool))</pre>	
3)	<pre>test = np.arange(6).reshape((2, 3)) print(test)</pre>	
4)	<pre>print(test[1])</pre>	
5)	<pre>print(test[:, ::2])</pre>	
6)		Create an empty array named my_empty with 3 rows and 4 columns.
7)		Let array1 be an array. Find the shape of array1.
8)		Let array2 be a 2D array. Assign the value in row 2 and column 3 of array2 to be 561.
9)		Use linspace to generate the following array: <code>array([0. , 0.1, 0.2, 0.3, 0.4, 0.5])</code>

Total Points: