

MTH 337 Quiz 7 Sample: NumPy Arrays and Indexing

Name:

	Python Code	Result
1)	<pre>from numpy import * print(ones(4))</pre>	
2)	<pre>print(zeros(3, dtype=bool))</pre>	
3)	<pre>test = 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 <code>my_empty</code> with 3 rows and 4 columns.
7)		Let <code>array1</code> be an array. Find the shape of <code>array1</code> .
8)		Let <code>array2</code> be a 2D array. Assign the value in row 2 and column 3 of <code>array2</code> 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: