

MTH 337, SAMPLE QUIZ #7

Fall 2021

Professor: S. Cassani

You have 10 minutes to complete the quiz.

Name: _____
(Also print name on back upper right corner of quiz.)

Max score: 10

	Python Code	Result	
1	<pre>myarray=np.array([1,2,3,4,5,6]) print(myarray[3]) myarray[2:4]=0 print(myarray[:4])</pre>		
2	<pre>myarray=np.linspace(2,5,4) print(myarray) myarray+=3 myarray = myarray // 2 print(myarray)</pre>		
3	<pre>myarray=np.arange(2,4.1,0.5) o=myarray p=myarray.copy() myarray[-2]=20 print(myarray,o,p)</pre>		
4		Given <code>a=np.ones(10)</code> , change the last 3 entries of the array to <code>[2,5,8]</code>	
5		<p>Assume for the remainder of the quiz that the following command has been run</p> <pre>import matplotlib.pyplot as plt</pre> <p>Write a statement that generates a subplot located in the top right corner of a 4×3 grid (just a statement generating the subplot, don't plot anything in it).</p>	
6		Add the title <i>The Image</i> for the whole plot generated in the previous question, and adjust the vertical spacing between subplots to 0.5.	
Total Points:			