

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]) b = myarray %3 == 0 myarray[b]=11 print(myarray)</pre>		
2	<pre>myarray=np.array([1,2,3,4,5,6]) b = myarray %3 == 0 print(b)</pre>		
3	<pre>myarray=np.array([1,2,3,4,5,6]).reshape(2,3) b = myarray % 2 == 0 c = myarray >= 4 print(myarray[b&c])</pre>		
4		Given <code>a=np.ones((4,3))</code> , change the element in position 1,2 (first row and second column) to 101	
5		Given <code>a=np.ones((4,3))</code> , change the last row of the array to 4	
6		<p>Assume for the remainder of the quiz that the following command has been run</p> <pre>import matplotlib.pyplot as plt import numpy as np</pre> <p>Assume there is a file called <code>tattoo.jpg</code> on your laptop in the folder where you currently working. Read the image and store it in the variable <code>img</code>. Display the image.</p>	
Total Points:			