

# MTH 337, SAMPLE QUIZ #8

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>x=np.arange(21).reshape(7,-1) print(x[2,:])</pre>		
2		Given <code>a=np.ones((4,3))</code> , change the element in position 1,2 (first row and second column) to 101	
3		Given <code>a=np.ones((4,3))</code> , change the last row of the array to 4	
1	<pre>x=np.arange(12).reshape(3,-1) y=x**2 print(x+1) print(x+y)</pre>		
4		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.	
5	<pre>myarray=np.arange(40).reshape(5,-1) print(myarray[1:3,2:4])</pre>		
6		Assume there is a file called <code>landscape.jpg</code> on your laptop in the folder where you currently working. Read the image, then create a $2 \times 2$ subplot containing the image in RGB, red-scale, green-scale and blues-scale	
Total Points:			