MTH 337, SAMPLE QUIZ #7

Fall 2021 Name: _____
Professor: S. Cassani (Also print name on back upper right corner of quiz.)
You have 10 minutes to complete the quiz. Max score: 10

	Python Code	Result	
1	```x=np.arange(21).reshape(7,-1)``` ```print(x[2,:])```		
2		Given `a=np.ones((4,3))`, change the element in position 1,2 (first row and second column) to 101	
3		Given `a=np.ones((4,3))`, change the last row of the array to 4	

1	```x=np.arange(12).reshape(3,-1)```
	```y=x**2```
	```print(x+1)```
	```print(x+y)```		

4		Assume there is a file called tattoo.jpg on your laptop in the folder where you currently working. Read the image and store it in the variable `img`. Display the image.	
5	```myarray=np.arange(40).reshape(5,-1)``` ```print(myarray[1:3,2:4])```		
6		Assume there is a file called landscape.jpg on your laptop in the folder where you currently working. Read the image, then create a 2×2 subplot containing the image in RGB, red-scale, green-scale and blues-scale	
		Total Points:	