MTH 337 Sample Quiz 6

Name:

	Python Code	**Result**	
1	`a = array([[1, 2, 3], [4, 5, 6]])` `print sum(a, axis=0)`		
2	`b = array([[1, 2, 3], [4, 5, 6]])` `print mean(b, axis=1)`		
3	`c = array([[5, 8], [1, 7], [4, 6]])` `print amax(c, axis=1)`		
4	`d = arange(6).reshape(3, 2)` `print amin(d, axis=0)`		

5	`x = array([1, 2])`
	`y = array([3, 4])`
	`X, Y = meshgrid(x, y)`
	`print X`		

6	`print Y`		
7		Which NumPy function generates samples from a normal distribution? You just need to write the name of the function (including the module it is part of).	
8		Which Matplotlib function adds a legend to a plot? You just need to write the name of the function.	
9		Which Matplotlib function generates a contour plot? You just need to write the name of the function.	
10		Write code to generate a 1D array of six random numbers sampled from a uniform distribution over the interval [0, 3]	

Total Points: