

MTH 337 Quiz 10 Sample: NumPy Array Operations

Name:

	Python Code	Result
1)	<pre>import numpy as np integers = np.arange(1, 5) primes = np.array([2, 3, 5, 7]) print(integers * primes)</pre>	
2)	<pre>a = np.array([[1, 2, 3], [4, 5, 6]]) print(np.sum(a, axis=0))</pre>	
3)	<pre>b = np.array([[1, 2, 3], [4, 5, 6]]) print(np.mean(b, axis=1))</pre>	
4)	<pre>c = np.array([[5, 8], [1, 7], [4, 6]]) print(np.amax(c, axis=1))</pre>	
5)	<pre>d = np.arange(6).reshape(3, 2) print(np.amin(d, axis=0))</pre>	
6)	<pre>values = np.array([6, 8, 7, 1]) print(np.mean(values))</pre>	
7)	<pre>b = np.array([[1, 2, 3], [4, 5, 6]]) print(np.mean(b, axis=0))</pre>	

Total Points: