

Name:			
	Python Code	Result	
1	<pre>import numpy as np a = np.arange(9).reshape(3,3) print(a[1,1])</pre>		
2	<pre>b = np.ones((5,5)) c = b[:2, 2:] print(c.shape)</pre>		
3	<pre>import matplotlib.pyplot as plt x = np.linspace(0,1,100) plt.plot(x, x**2, '-', color=(1,0,0)) plt.show()</pre>	Write here the color of the plot:	
4		Write code that creates a 2-dimensional numpy array with 3 rows and 5 columns, with entries randomly selected from the interval [0,1).	
5		<p>For the remainder of this quiz assume that the following code has been executed:</p> <pre>import numpy as np import matplotlib.pyplot as plt</pre> <p>Write code to create and display a black rectangle of height 20 and width 40 using imshow.</p>	
6		Write code that saves the above image to the file <code>mypic.png</code> .	

Total Points: