

Name:

	Python Code	Result	
1	<pre>a = array([4, 5, 6]) b = array([True, False, True]) print a[b]</pre>		
2	<pre>a = arange(4) print a < 3</pre>		
3	<pre>print a[a < 3]</pre>		
4	<pre>z = complex(-1, 3) print z</pre>		
5	<pre>w = 2+3j x = 1-1j print w + x</pre>		
6	<pre>values = array([6, 8, 7, 1]) print mean(values)</pre>		
7		Suppose that $y = x^C$, where C is a constant. Which Matplotlib function for plotting y against x will show a straight line?	
8		Which Matplotlib function reads an image file into a NumPy array? You just need to write the name of the function.	
9		You want to plot into the top right cell of a grid that has 3 rows and 2 columns. Which call to subplot will do this?	
10		Write code to display a pure blue rectangle of height 3 and width 4 using imshow .	

Total Points: