	Python Code	**Result**	
| 1 | ```python
import numpy as np
a = np.arange(9).reshape(3,3)
print(a[1,1])
``` | | |
| 2 | ```python
b= np.ones((5,5))
c = b[:2, 2:]
print(c.shape)
``` | | |
| 3 | ```python
a = np.arange(10)
b = a[a<5]
print(b)
``` | | |
| 4 | | For the remainder of this quiz assume that the following code has been executed:<br><br>```python
import numpy as np
import matplotlib.pyplot as plt
```<br><br>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 | | Write code to create and display a black rectangle of height 20 and width 40 using imshow. | |

Total Points: