

Today, I learned about 2-D arrays and the right way of indexing them. Suppose we have a 2\_D array

```
Myarray = [[1,2,3],  
           [4,5,6],  
           [7,8,9]]
```

So, if we want to access [[1,2][4,5]], given my Matlab background I would do

```
Myarray[0:2][0:2]
```

```
myArray = [[1,2,3], [4,5,6], [7,8,9]]
```

```
print myArray[0:2][0:2]
```

```
[[1, 2, 3], [4, 5, 6]]
```

My convoluted way of doing :

```
current = []
```

```
myBase = myArray[0:2]
```

```
current.append(myArray[0][0:2])
```

```
current.append(myArray[1][0:2])
```

```
print current
```

```
[[1, 2], [4, 5]]
```

Also this feature is available in the numpy library. This is a good resource. <http://ilan.schnell-web.net/prog/slicing/>