Extra Practice

1. a=range(50,2) Extract the 3rd thru 10th elements (inclusive) of this list.
2. create a 8x8 matrix with 1 everywhere except the diagonal, which is 0.
3. Create a 2-column text file with x ranging from 0 to 2*pi and y=sin(x) with a step of 0.1

1. a[3:11]
2. 1-identity(8)
3.

```
x=arange(0,2*pi,0.1)
y=sin(x)
savetxt("x.txt",zip(x,y))
```