

# CS 596-29 2015 Summer Quiz-1

- What will be the outputs of the following Python code? Write down your answers on the paper and put your name and ID # on the top.

```
from numpy import array, average
```

```
a = array([0,1,2,3,4,5,6])
```

```
print a[-3:-1]
```

```
b = a[2:4]
```

```
print b
```

```
b[0] = -1
```

```
print a
```

```
c = array([[1,2,3],[4,5,6]], float)
```

```
print average(c, weights=[1,2],axis=0)
```

```
print average(c, weights=[1,2,1],axis=1)
```

# Answer

- [4 5]
- [2 3]
- [ 0 1 -1 3 4 5 6]
- [ 3. 4. 5.]
- [ 2. 5.]