

# Introduction to Array Based Sequences

In this lecture, we will get a brief overview of the "sequence" type object classes available in Python. These are mainly the **list**, **tuple**, and **string** objects. The main commonality between these object types is the ability to index to access individual elements in the sequence. For example:

```
In [1]: l = [1,2,3]
        l[0]
```

```
Out[1]: 1
```

```
In [2]: t = (1,2,3)
        t[0]
```

```
Out[2]: 1
```

```
In [3]: s = '123'
        s[0]
```

```
Out[3]: '1'
```

Please refer to the video lecture for the remaining information.

The section consists mostly of video explanations not well-suited for Jupyter Notebooks.

Thanks!