

## Lab 4.2 CSV Utilities

### Skills:

- File IO
- Lists and ArrayLists
- Overriding Methods

### Classes:

CSVUtilities

Runner - test your reading functions with a CSV from  
nycOpenData.gov

### CSVUtilities

```
ArrayList<String> CSVData;
```

```
//Constructor accepts a File and reads all the data into CSVData  
public CSVUtilities(File csv)
```

```
//Return an ArrayList with the headers for each column  
public List<String> getColumnHeaders()
```

```
//Return an ArrayList with the data for a column specified  
public List<String> getData(int column)
```

```
//Return an ArrayList with the data converted to Integer  
public List<Integer> getData(int column)
```

```
//Return an ArrayList with the data converted to Double  
public List<Double> getData(int column)
```