

### **Homework\_1: Output from the Terminal**

```
%runfile /Users/dylanfrancis/Desktop/DAAN_682/Homework_1/Homework_1.py --wdir
```

The unique values in the list are: [np.int64(64), np.int64(34), np.int64(14), np.int64(15), np.int64(55), np.int64(22), np.int64(87), np.int64(85), np.int64(57), np.int64(90)]

The number of unique values in L1 is: 10

Here is a dictionary with unique items from L1 as the keys and the count as the values  
{np.int64(55): 31, np.int64(64): 66, np.int64(22): 33, np.int64(34): 43, np.int64(87): 80, np.int64(14): 11, np.int64(15): 12, np.int64(85): 24, np.int64(90): 10, np.int64(57): 89}

Most frequent value: 57 Most frequent count: 89

The sum of the even numbers is: 9418

The mean of L2 is: 534.2666666666667

The sum of all of the numbers in L2 that are greater than 500 is: 12466

pow(2, 10) is: 1024

pow(3, -3) is: 0.037037037037037035