Unit 2 – Lesson 8: Working with a Real Dataset

Try it:

```
print max(4, 6, 2, 6, 7, 1, 9)
```

- What does it do?

max and min

max

- Finds the largest in a set of values.

min

- Finds the smallest in a set of values.

Try it:

```
print min("cat", "dog",
          "iguana", "anteater",
          "hedgehog", "fish",
          "aardvark")
```

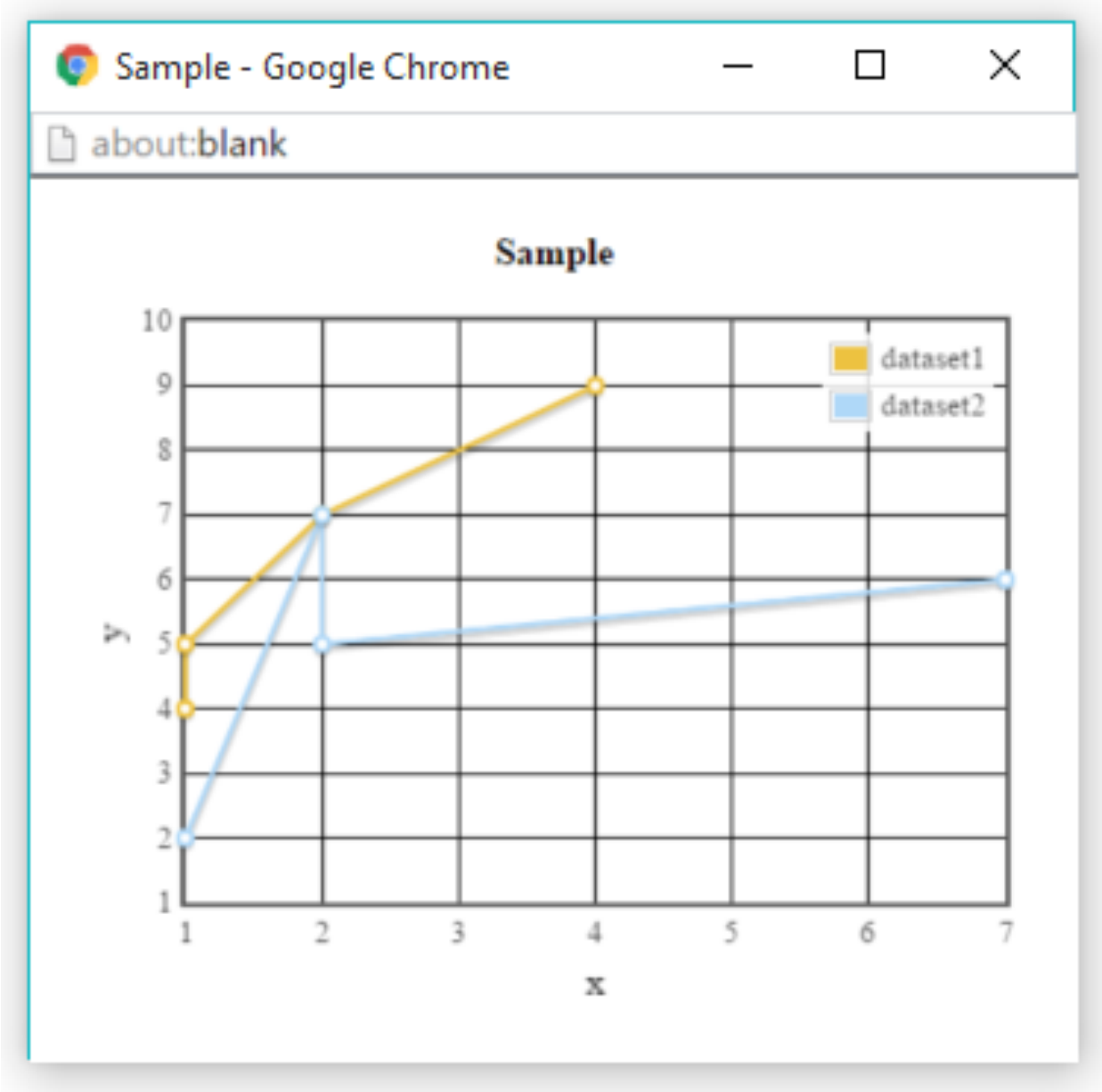
- What does it do?

Plotting Data

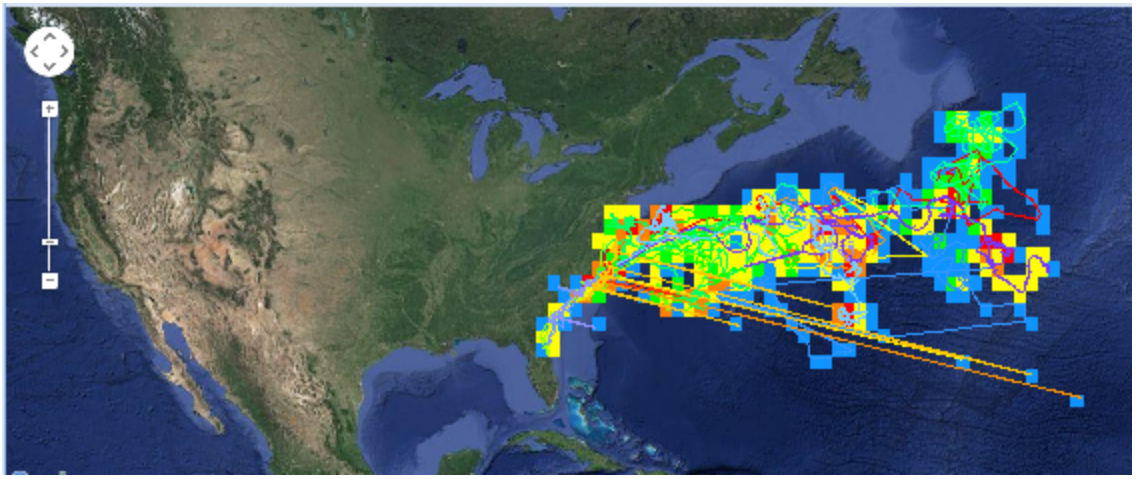
```
import simpleplot

dataset1 = [(1, 4), (1, 5), (2, 7), (4, 9)]
dataset2 = [(1, 2), (2, 7), (2, 5), (7, 6)]

simpleplot.plot_lines('Sample', 400, 300, 'x', 'y',
                      [dataset1, dataset2],
                      True, ['dataset1', 'dataset2'])
```


Sample - Google Chrome
about:blank
Sample
dataset1
dataset2
y
x
10
9
8
7
6
5
4
3
2
1
1
2
3
4
5
6
7

Duke Animal Tracking



- http://seamap.env.duke.edu/dataset/316

Vocabulary

max	Finds the largest in a set of values.
min	Finds the smallest in a set of values.