**Java Apache/JFreeCharts CSV Demo & Report – Project 2**

**Anthony D’Alessandro**

**Table of Contents**

Methods……………………………………………………………………………………………1

Plotter…………………………………………………………………………………...…1

Salter………………………………………………………………………………………2

Smoother…………………………………………………………………………………..3

Graph………………………………………………………………………………………4

Small Scale Trial…………………………………………………………………………………..5

Plotter……………………………………………………………………………………...5

Salter………………………………………………………………………………………6

Smoother Run 1…………………………………………………………………………...6

Smoother Run 2…………………………………………………………………………...7

Smoother Run 3…………………………………………………………………………...7

Larger Scale Trial………………………………………………………………………………….8

Plotter……………………………………………………………………………………...8

Salter………………………………………………………………………………………9

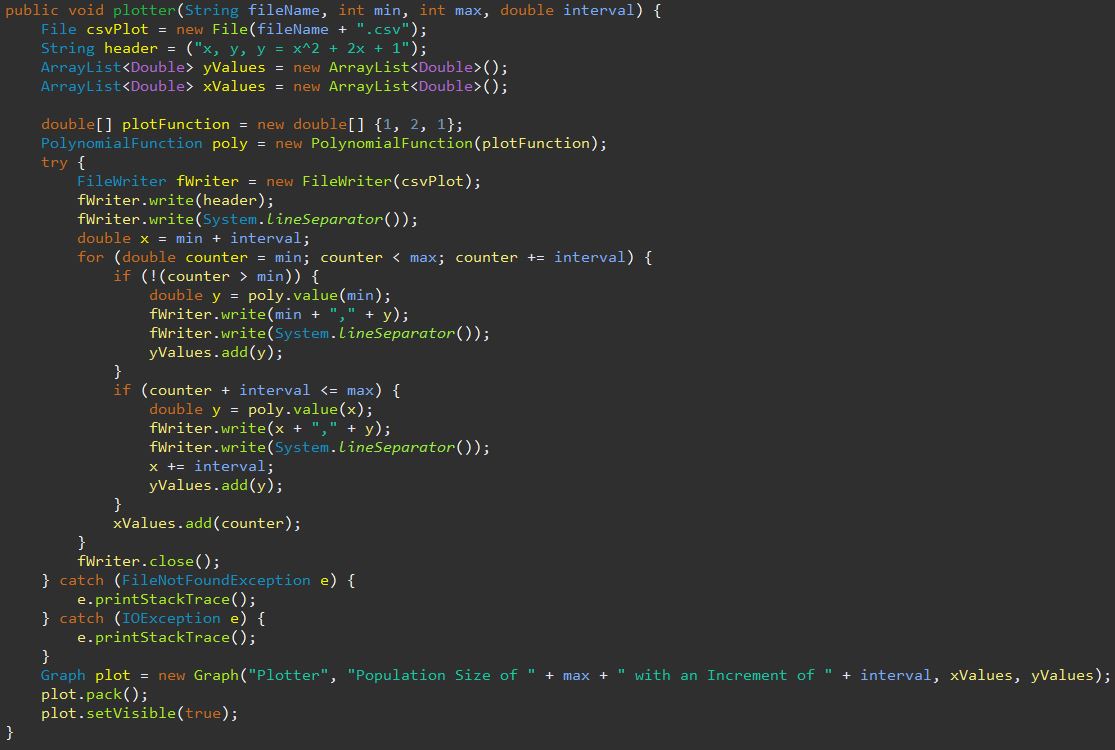
Smoother Run 1…………………………………………………………………………...9

Smoother Run 2………………………………………………………………………….10

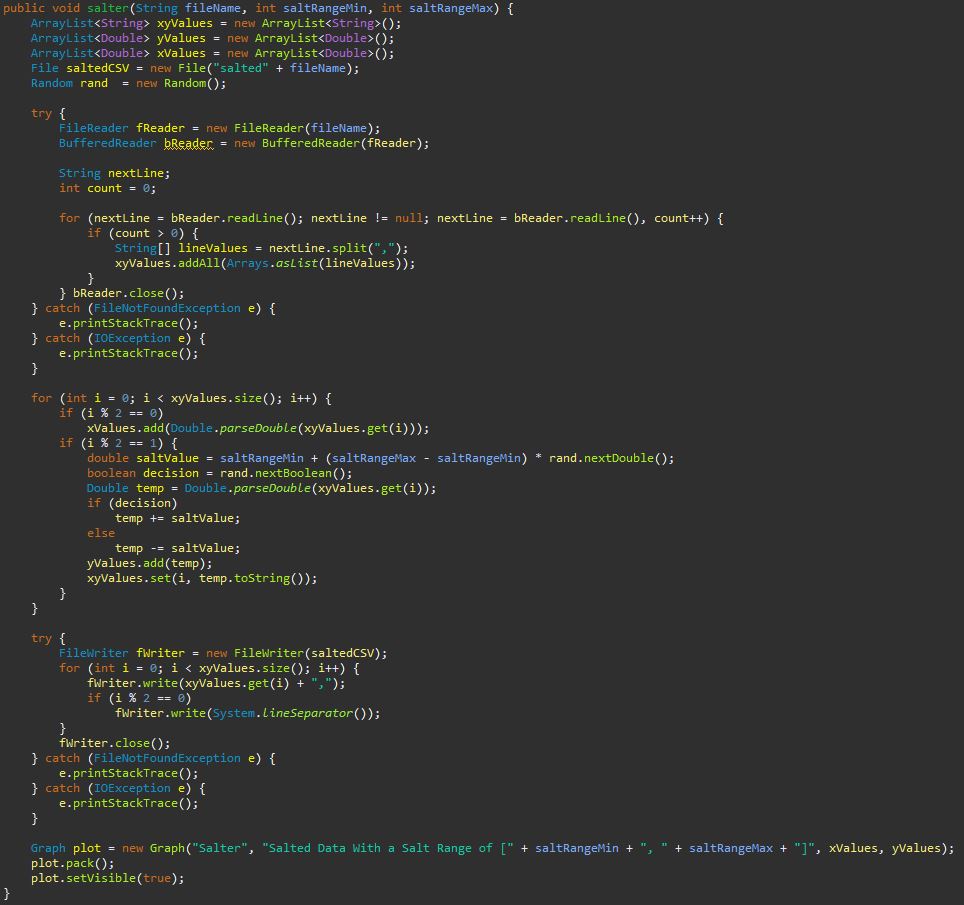
Smoother Run 3………………………………………………………………………….10

**Methods**

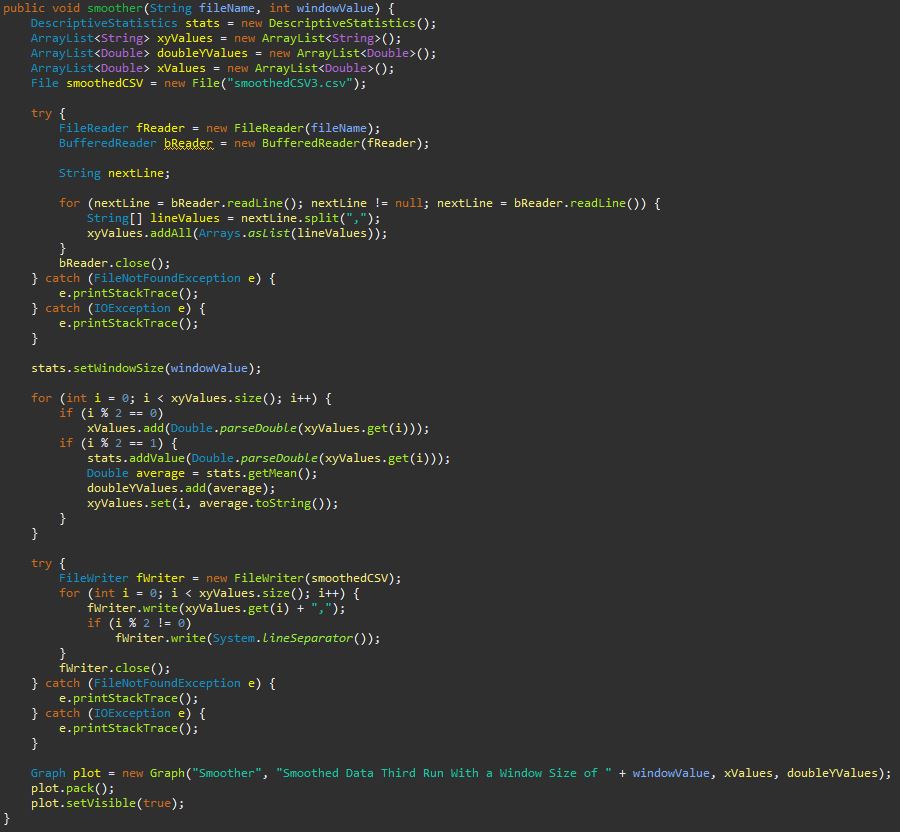
Plotter



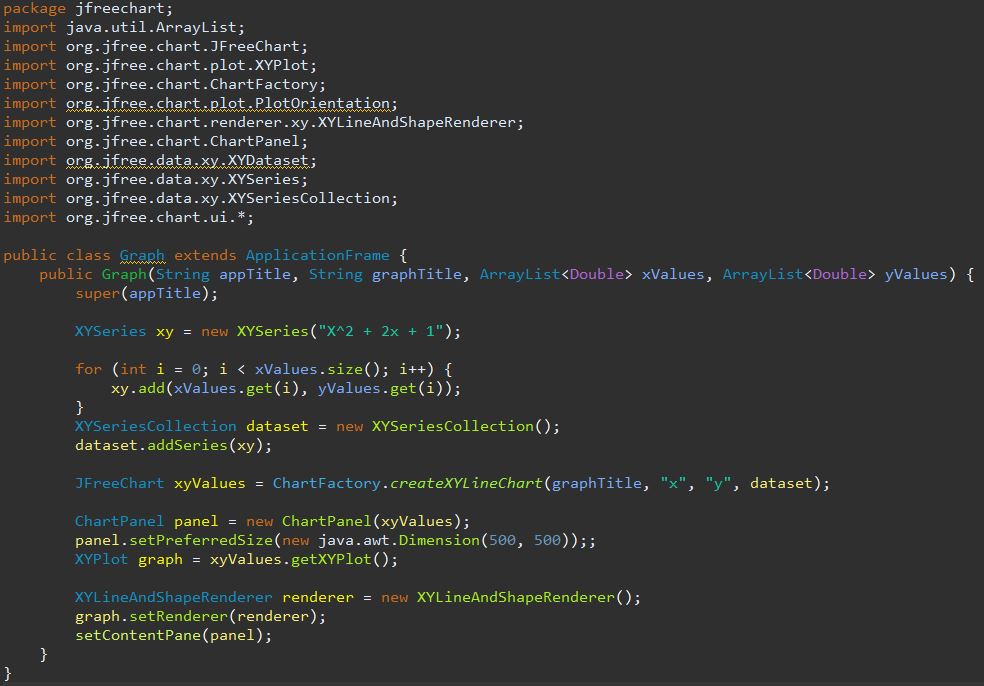
Salter



Smoother



Graph (Class/Method)



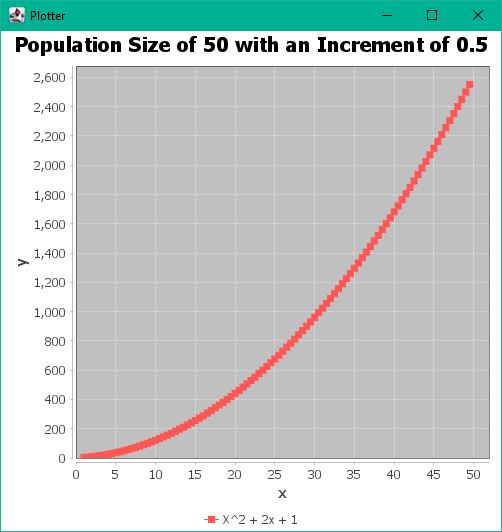
**Small Scale Trial**

Function Used:

Plotter

* Data generated using a population range from [1, 50] with an increment of 0.5

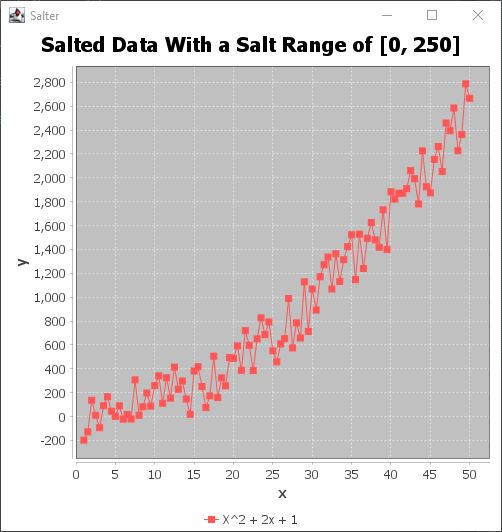




Salter

* Data salted with a salt range from [0, 250]

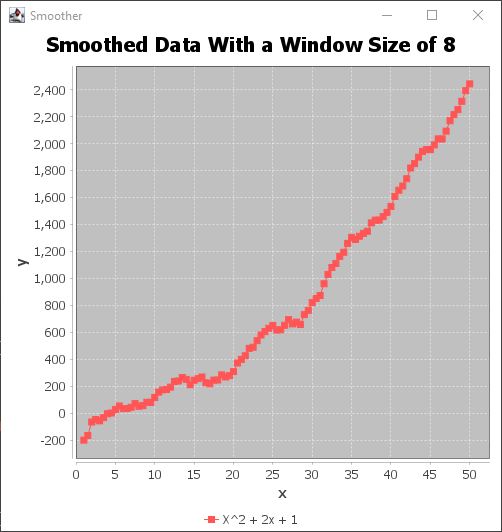




Smoother

* Data smoothed with a window size of 8

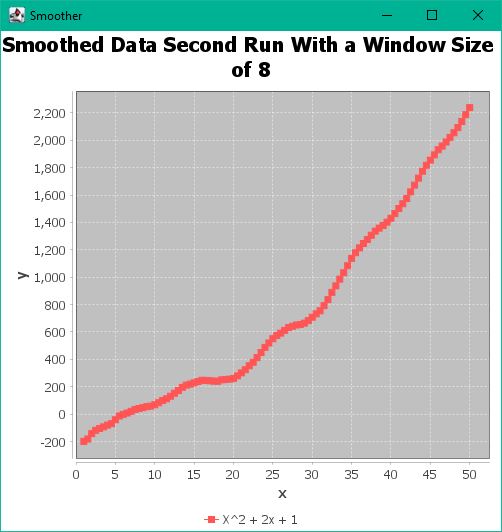




Smoother (Run 2)

* Smoother ran on first set of smoothed data with a window size of 8

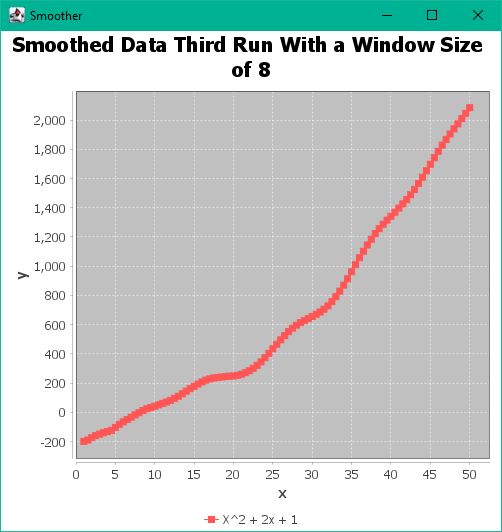




Smoother (Run 3)

* Smoother ran on second set of smoothed data with a window size of 8





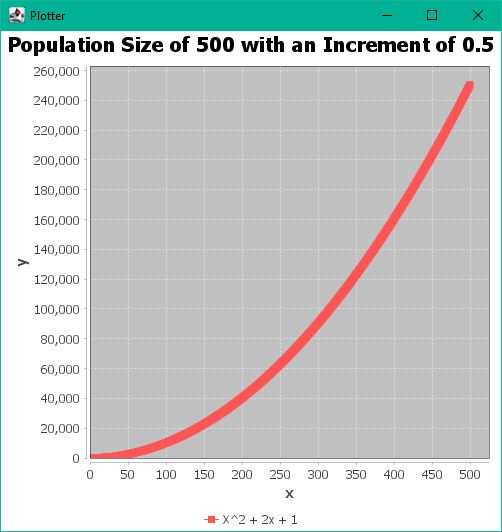
**Larger Scale Trial**

Function Used:

Plotter

* Data generated using a population range from [1, 500] with an increment of 0.5

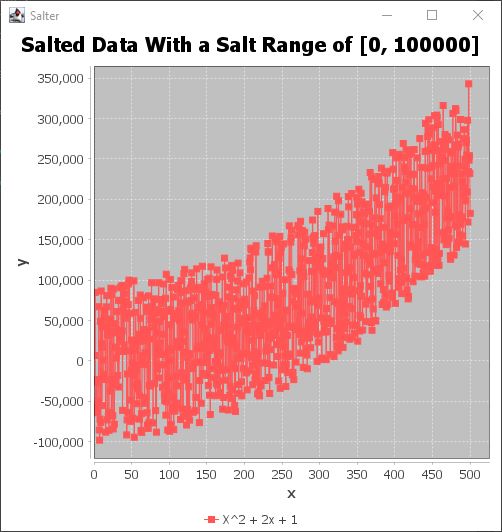




Salter

* Data salted with a salt range from [0, 100000]

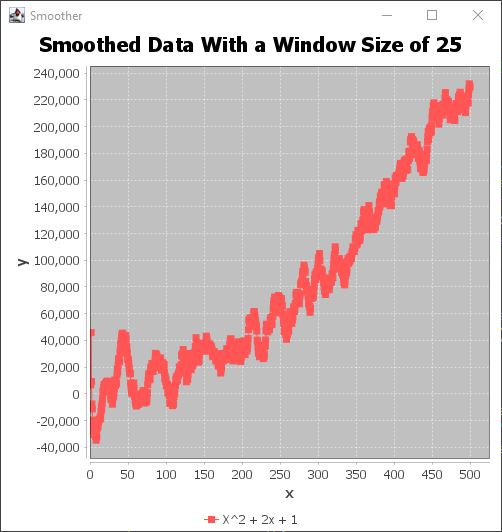




Smoother

* Data smoothed with a window size of 25

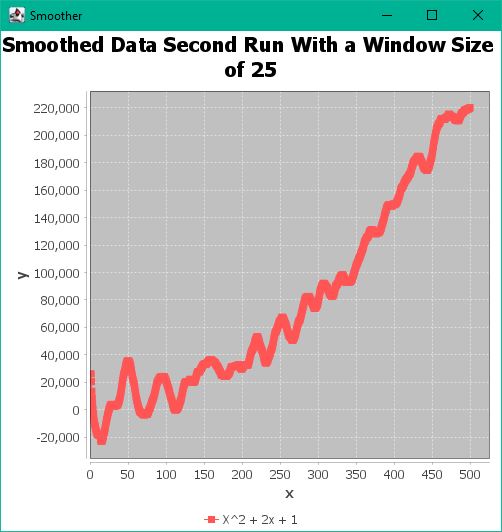




Smoother (Run 2)

* Smoother ran on first set of smoothed data with a window size of 25





Smoother (Run 3)

* Smoother ran on second set of smoothed data with a window size of 25



