

## Programming Assessed Exercise 3

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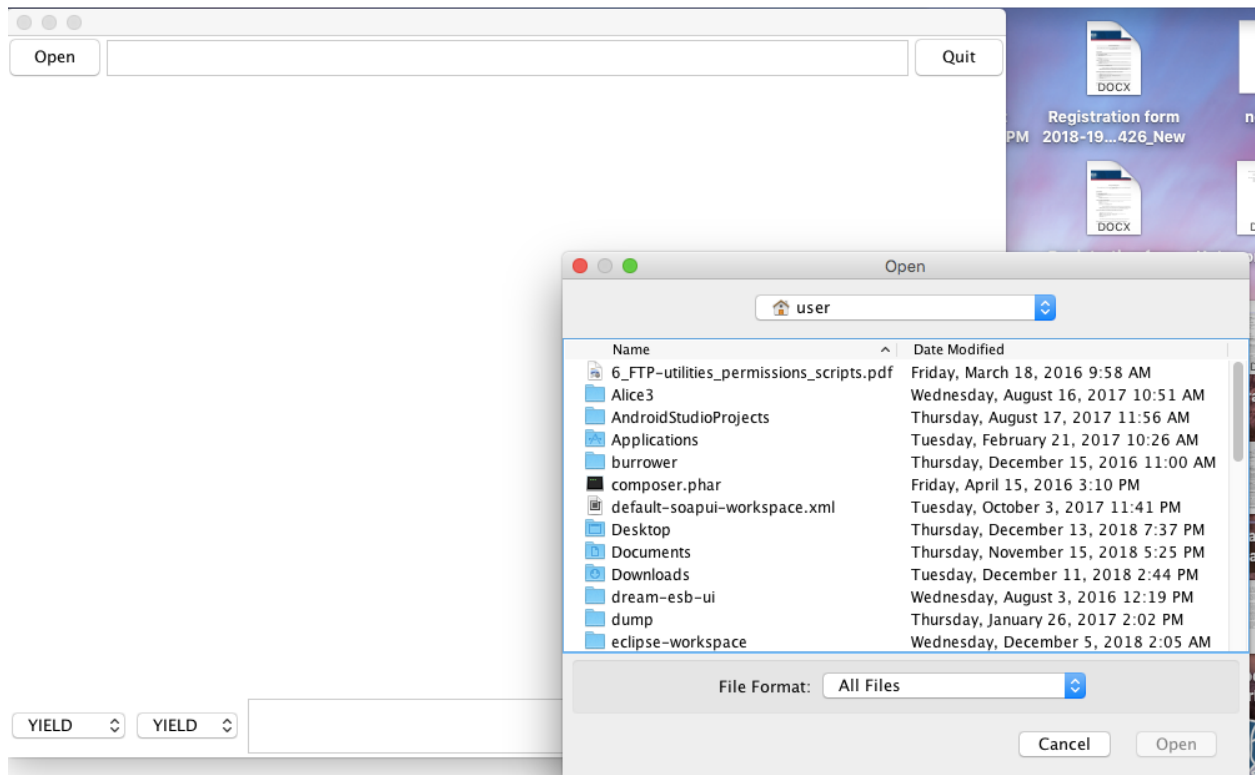
**Student Number:** 2418644a

### Summary of final state of program

The program works as expected. I employed the use of a mouse listener to retrieve x and y coordinates of a point in the drawing area.

### Test Cases

- Select a CSV file



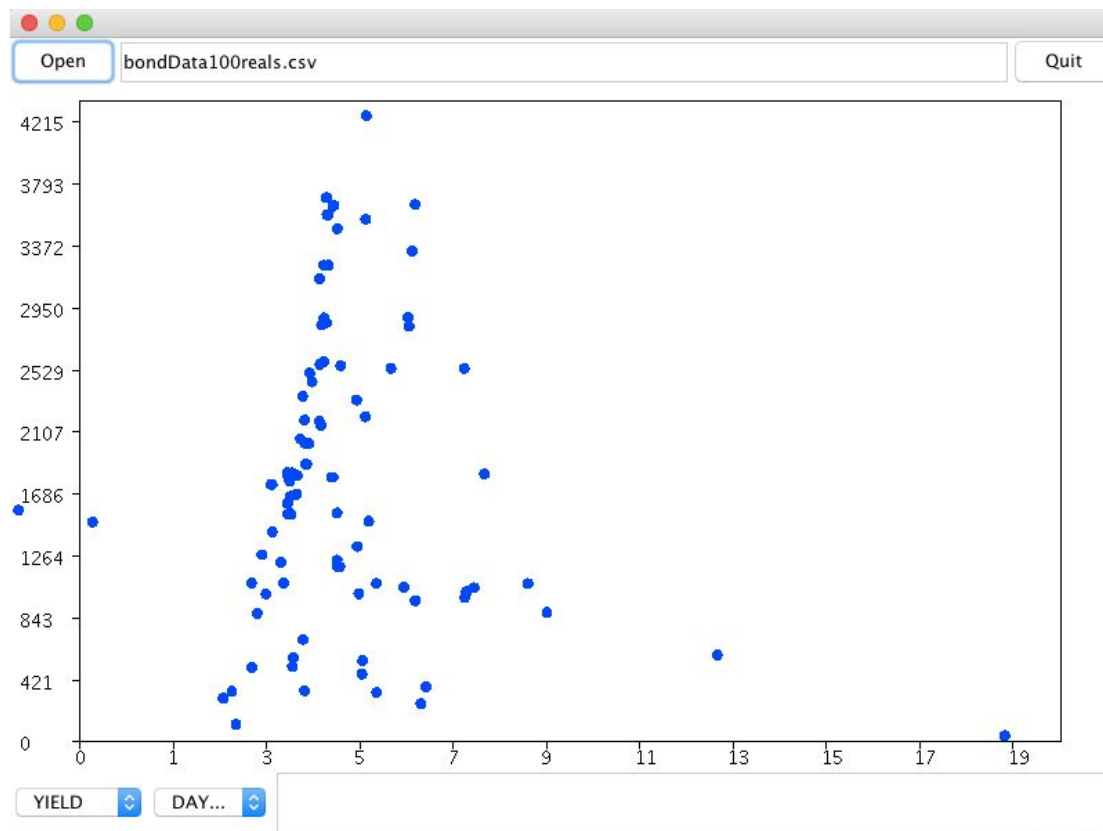
- Retrieve file content (sample data)

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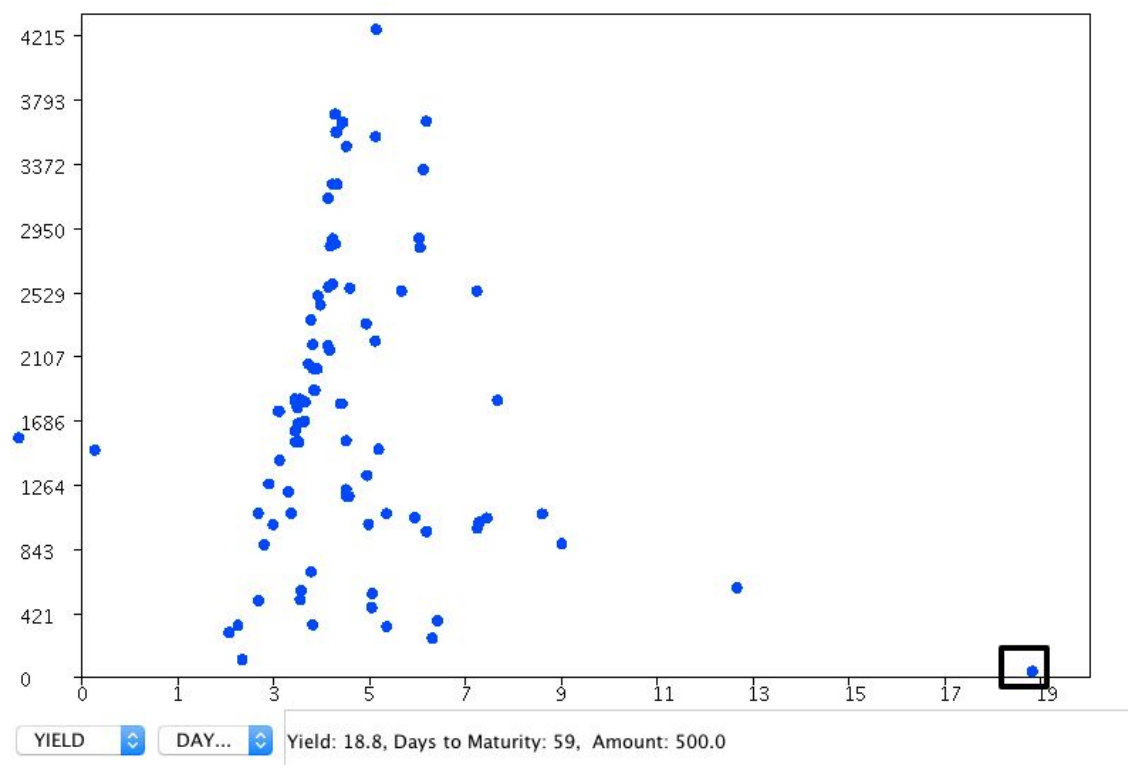
bondData100reals.csv
for data Headers: YIELD DAYS_TO_MATURITY AMOUNT_CHF(000)
Test for Graph data: 7.224 1002 250.0
Test for Graph data: 7.266 1044 227.0
Test for Graph data: 7.266 1044 227.0
Test for Graph data: 7.428 1068 227.0
Test for Graph data: 6.169 981 176.0
Test for Graph data: 5.926 1072 114.0
Test for Graph data: 2.052 318 3000.0
Test for Graph data: 3.796 370 275.0
Test for Graph data: 3.547 594 110.0
Test for Graph data: 2.653 1100 500.0
Test for Graph data: 3.623 1702 100.0
Test for Graph data: 3.554 1841 100.0
Test for Graph data: 3.89 2045 1300.0
Test for Graph data: 3.796 2206 500.0
Test for Graph data: 3.956 2471 10000.0
Test for Graph data: 4.579 2581 100.0
Test for Graph data: 4.204 2609 50.0
Test for Graph data: 4.218 2904 500.0
Test for Graph data: 4.282 3602 500.0
Test for Graph data: 4.307 3602 1000.0
Test for Graph data: 4.383 1817 20000.0
Test for Graph data: 4.409 1817 20000.0
Test for Graph data: 3.905 2532 10000.0
Test for Graph data: 4.123 3171 1250.0
Test for Graph data: 4.312 3262 500.0
Test for Graph data: 4.21 3262 20000.0
Test for Graph data: 4.501 3509 15000.0
Test for Graph data: 4.261 3719 1000.0
Test for Graph data: 4.274 3719 1900.0
Test for Graph data: 4.279 3719 4700.0
Test for Graph data: 4.279 3719 5000.0
Test for Graph data: 2.877 1292 20000.0
Test for Graph data: 3.073 1769 210.0
Test for Graph data: 3.094 1769 7780.0
Test for Graph data: 3.516 1846 150.0
Test for Graph data: 3.425 1848 20.0
Test for Graph data: 4.129 2590 2000.0
Test for Graph data: 4.408 3661 1150.0
Test for Graph data: 4.432 3667 1000.0
Test for Graph data: 2.323 138 3000.0
Test for Graph data: 2.235 365 100.0
Test for Graph data: 2.666 530 100.0
Test for Graph data: 2.774 895 250.0
Test for Graph data: 2.966 1026 100.0
Test for Graph data: 3.341 1100 15.0
Test for Graph data: 4.507 1211 880.0
Test for Graph data: 4.555 1211 950.0
Test for Graph data: 3.284 1240 50.0
Test for Graph data: 3.098 1447 300.0
Test for Graph data: 3.098 1447 1200.0
Test for Graph data: 3.423 1566 50.0

```

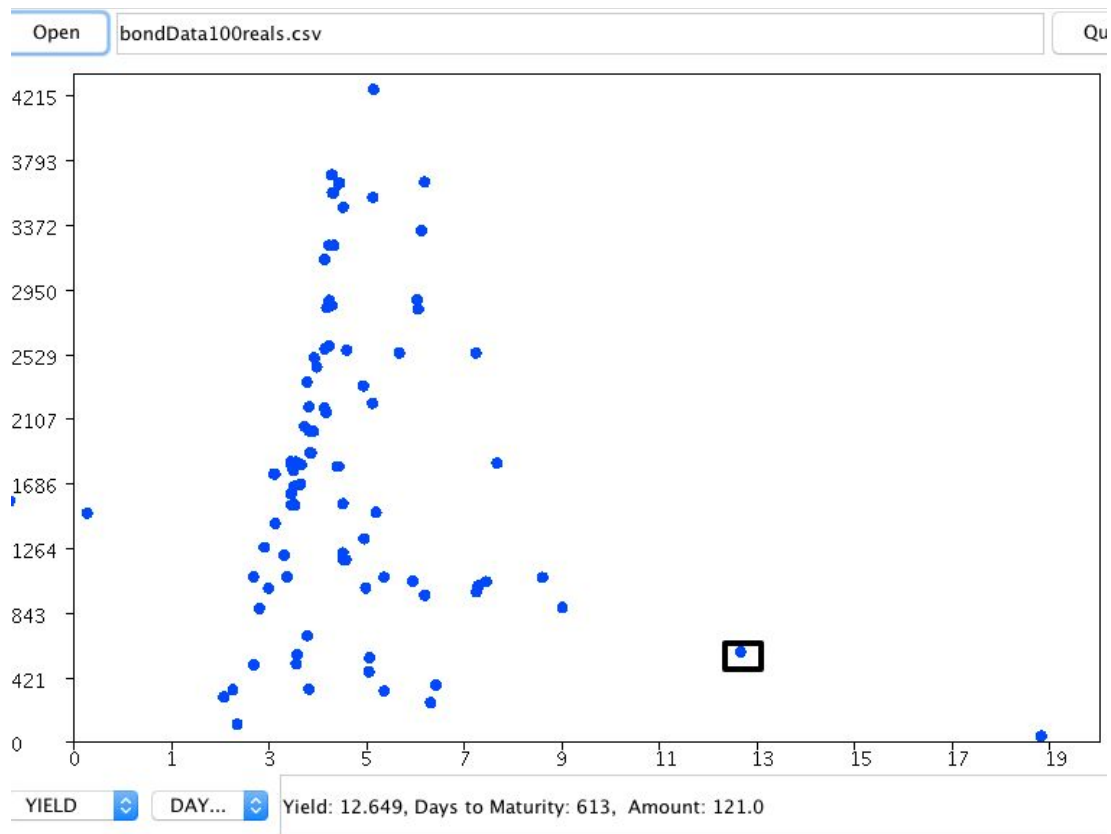
- Initial graph generated : xaxis- yield & yaxis -days to maturity



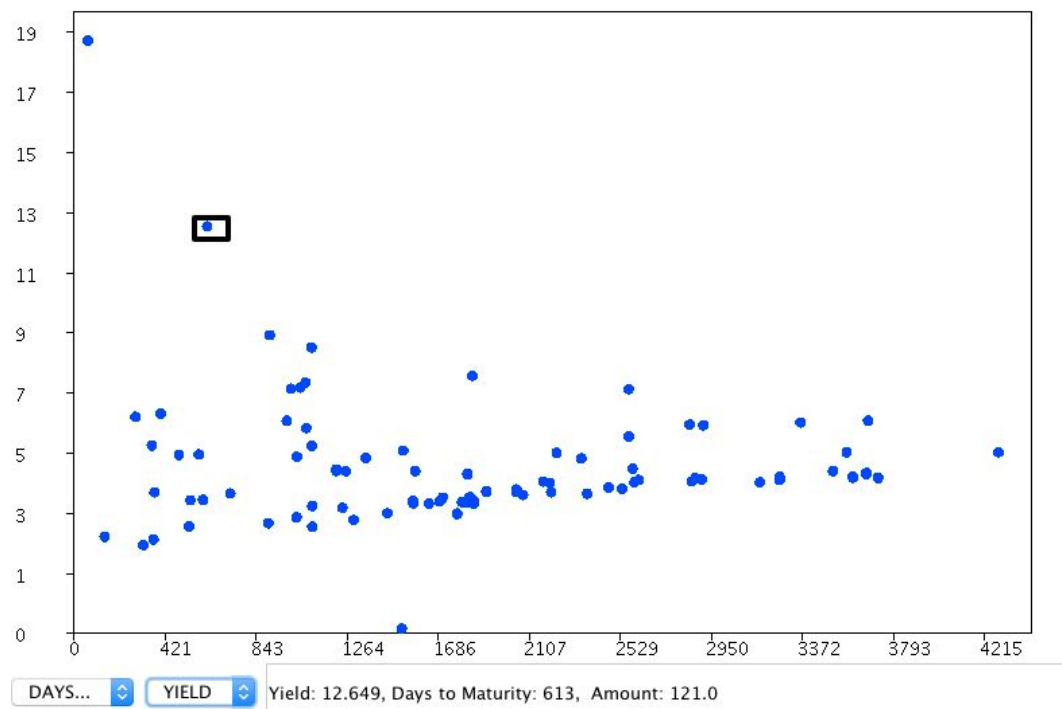
- Test for a data point as indicated below (Example 1)



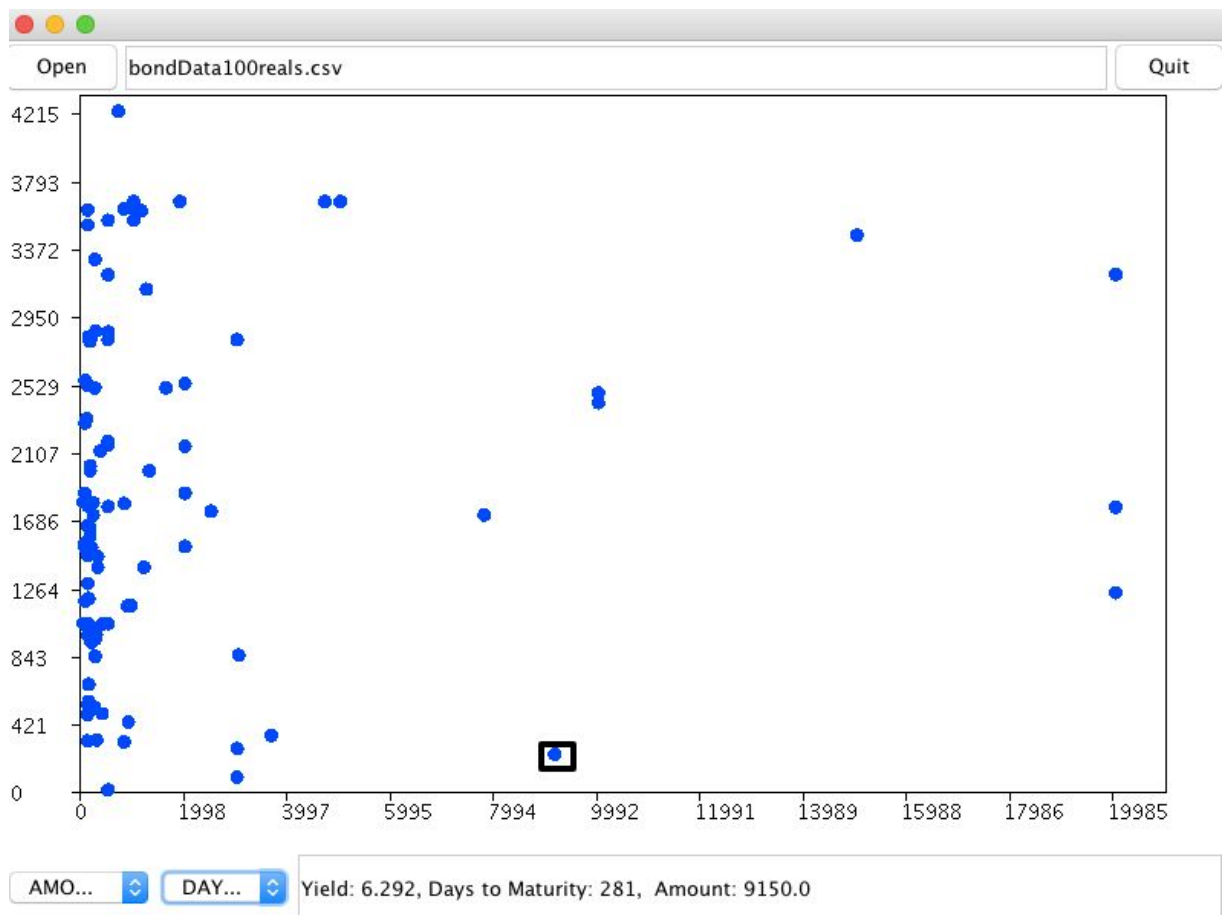
- Test for a data point as indicated below (Example 2)



- Change axis to : x axis- days to maturity, y axis-yield with a point selection



- Change axis - xaxis- amount, yaxis- days to maturity with a selected point indicated below



- Test for a non CSV file



```

BondTradeMVC [Java Application] /Library/Java/JavaVirtualMachines/jdk1.8.0_92.jdk/Contents/Home/bin/java (2 Jan 2019, 8:43:14)
Wrong file selected, selected file should be CSV
Select another file

```

- No file selected from the file chooser pop up

