

Lab 2 -- Java Exceptions and I/O

1. Java Exceptions and I/O

1. Work through Sun's [Working with URLs](#) tutorial, paying particular attention to the use of input streams in the lesson [Reading Directly from a URL](#).
2. [Yahoo!Finance](#) offers a stock quotation service (15-20 mins delayed) that provides a variety of financial data. The data provided can be controlled directly through the URL, e.g. <http://finance.yahoo.com/d/quotes.csv?s=YHOO+IBM&f=snd111cvx&e=.csv> delivers a CSV (Comma Separated Values) file containing information about Yahoo and IBM stocks, in the following format:

```
Symbol, Name, Last Trade Date, Last Trade, Change and Change %,
Volume, Exchange
```

Write a Java program that allows the user to identify a stock symbol and displays financial data in the format above for the given symbol. Extend your program to allow the user to create a portfolio of stocks and display information accordingly. The web page <http://dirk.eddelbuettel.com/code/yahooquote.html> provides a summary of the available fields and the associated query format symbols, if you are interested in developing your program further.

Note:

Write all your programs using exception handling and create test conditions to exercise the exception handling code.