

Assignment 3 outline

a few things our market needs

1. record a history of transactions
 - a. record prices for each sale/purchase
2. for each buyer, a history of buys is needed
 - a. becomes the portfolio

as for buyers....

there should be hundreds of thousands of
them, or millions, ideally

create a for-loop in main that creates millions of
buyers,

each new buyer will get their own portfolio

for every buyer....

each time they purchase a stock, a record should be written to their portfolio, containing what price they purchased that stock(symbol) for....

we should be able to determine the current value of each holding in the portfolio, as each price changes for each symbol

for now...

we have to work on getting a good file writer class, that enables us to:

1. read data to a file (read)
2. update the data in a file (sync)
3. delete a file, if necessary

consider this...

if you have 9,000 stocks, you'll need 9,000 files, for them to write to...

you'll need the ability to write to each file accurately, then read from each file accurately:

NHGF.txt..... or GHTY.txt..... or WEQW.txt

each buyer needs his/her own portfolio file

each buyer needs a unique name, identifier,
that hooks up with their unique portfolio file, like
so:

98798798lkjkj.txt....

lkjlkjlkjlk098098098.txt