Computing the Capital Gain in a Sale of Stock.

Implement StockPurchase and StockLedger classes. StockLedger class has a queue of StockPurchase objects. See the slides 22-27.

Then test it using 'StockLedgerDemo' class. Implement a main method to test all functions in 'StockLedger' class.

StockLedger
Responsibilities
Record the shares of a stock purchased, in chronological order
Remove the shares of a stock sold, beginning with the ones held the longest
Compute the capital gain (loss) on shares of a stock sold
Collaborations
Share of stock

StockLedger
ledger—a collection of shares owned, in order of their purchase
buy(sharesBought, pricePerShare) sell(sharesSold, pricePerShare)

StockPurchase
cost—cost of one share
getCostPerShare()