**Observer Pattern**

**Problem Statement:- Stock market price change** - Prices of stock fluctuate throughout the day. There maybe a sudden drop or increase in stock price and traders interested in a stock should be notified about this change so that they can make their decision. How would you implement this problem such that all the stock traders interested in a particular stock receive the update only particular to that stock.

**Extra Question -** Each bidder possesses a numbered paddle that is used to indicate a bid. The auctioneer starts the bidding, and "observes" when a paddle is raised to accept the bid. The acceptance of the bid changes the bid price which is broadcast to all of the bidders in the form of a new bid.