SCOTT LOGIC

ALTOGETHER SMARTER

The challenge…

Beat the stock market!

Write an algorithm to buy and sell shares for maximum profit.

Increase your starting cash by solving Challenges.

Highest total cash wins!

Instructions

Install from instructions on
https://github.com/tpkelly/Hackathon

Eclipse for Java EE

Apache Tomcat
(optional)

Writing your solution
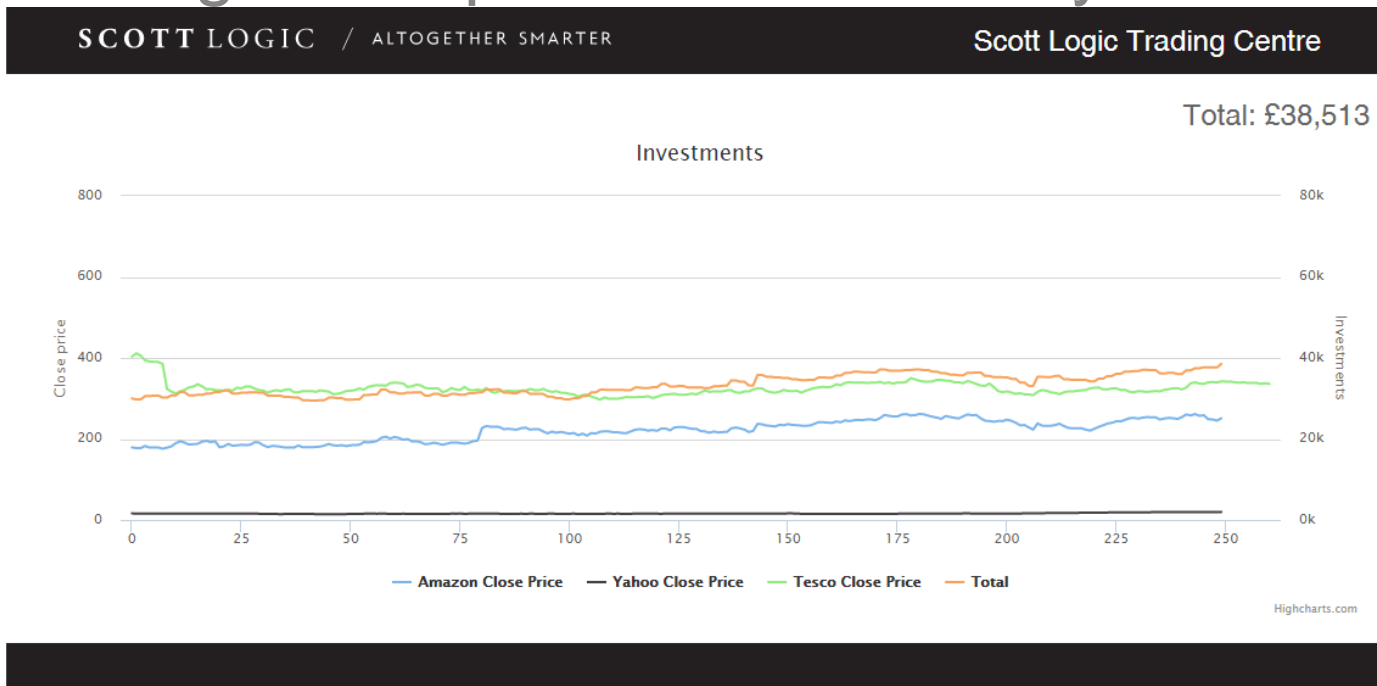
Work in cli/src/trading/TradingStrategy.java

```java
public void makeDailyTrade(DailyTrades trades) throws … {

  // Alternate between "buy all" and "sell all"
  for (DailyInput input : trades.getTrades()) {

    if (input.getDay() % 2 == 0) {
      tradingManager.buyMaxNumberOfShares(input);
    } else {
      tradingManager.sellAllShares(input);
    }
  }
}
```

Graphic your solution

(Optional): Use the hackathon-webapp project to check how your algorithm performs over the year.

Schedule

- 4:00 – Kick off!

- 4:15 – Start Coding

- 6:15 – Hand in answers to Challenges

- 6:45 – Hand in Code

- 7:00 – Judging and Prizes

Submitting your solution

Email your TradingStrategy.java and any associated classes to tkelly@scottlogic.com

Keep any additional classes within the same package as TradingStrategy.