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 Hackathon/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);
    }
  }
}
```

Additional Funds

Go to http://additional-funds.herokuapp.com/

Multiple submissions are allowed, but only the final will be counted.

Any money earned is added to the starting funds for your trading algorithm.

Graphing your solution

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

Project Explorer > New > Other > Server > [Version of locally installed Tomcat server] > Finish

hackathon-webapp > Run as > Run on Server

Schedule

- 1:15 – Kick off!

- 1:30 – Start Coding

- 3:30 – Final submission of Challenges

- 3:45 – Email code

- 4:00 – Judging and Prizes

- 4:15 – To the bar!

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.