SCOTT LOGIC

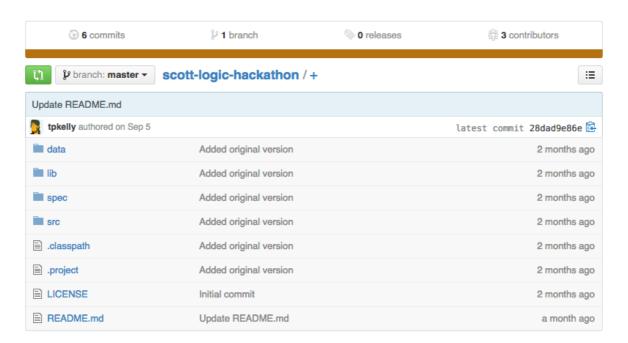
ALTOGETHER SMARTER

The challenge...

- •Beat the stock market!
- •Given daily share prices for a company over 12 months, write an algorithm to maximise profit by buying and selling shares.
- •Practice on three test companies, then we'll run your algorithms on three unseen companies.
- •Increase your starting cash by solving Challenges.
- •Highest total cash wins!

Instructions

Install from instructions on https://github.com/ScottLogic/scott-logic-hackathon



Writing your solution

Work in src/trading/TradingStrategy.java

```
public DailyOutput makeDailyTrade(DailyInput input) throws ... {
    DailyOutput output;

    //Alternate between "buy all" and "sell all"
    if (input.getDay() % 2 == 0) {
        output = tradingManager.buyMaxNumberOfShares(input);
    } else {
        output = tradingManager.sellAllShares(input);
    }

    return output;
}
```

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.