SCOTT LOGIC

ALTOGETHER SMARTER

SCOTT LOGIC

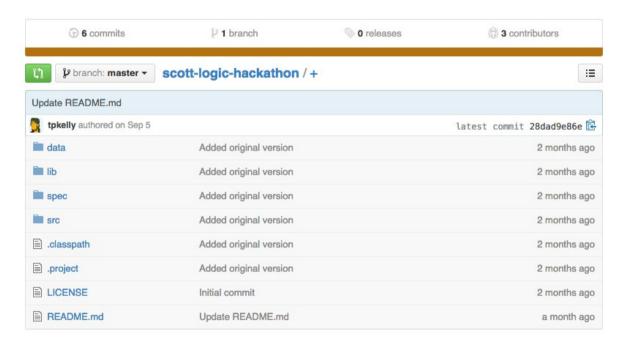
ALTOGETHER SMARTER

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



SCOTT LOGIC

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;
}
```

SCOTT LOGIC

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.