

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!

SCOTT LOGIC

ALTOGETHER SMARTER

Instructions

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

6 commits

1 branch

0 releases

3 contributors

branch: master

scott-logic-hackathon / +

Update README.md

tpkelly

 authored on Sep 5

latest commit 28dad9e86e

<div>data</div>	Added original version	2 months ago
<div>lib</div>	Added original version	2 months ago
<div>spec</div>	Added original version	2 months ago
<div>src</div>	Added original version	2 months ago
<div>.classpath</div>	Added original version	2 months ago
<div>.project</div>	Added original version	2 months ago
<div>LICENSE</div>	Initial commit	2 months ago
<div>README.md</div>	Update README.md	a month ago

SCOTT LOGIC

ALTOGETHER SMARTER

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

ALTOGETHER SMARTER

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.

SCOTT LOGIC

ALTOGETHER SMARTER