Practice Challenge: Flatiron Stock Exchange (CodeGrade)

[(https://github.com/learn-co-curriculum/react-hooks-practice-stocks)](https://github.com/learn-co-curriculum/react-hooks-practice-stocks) [(https://github.com/learn-co-curriculum/react-hooks-practice-stocks/issues/new)](https://github.com/learn-co-curriculum/react-hooks-practice-stocks/issues/new)

Flatiron Stock Exchange

Sort by: ◯ Alphabetically ◯ Price

Filter: [Tech ◆]

Stocks

Google

GOOG: 1194.8

Facebook

FB: 168.85

Twitter

TWTR: 29.41

Amazon

AMZN: 2013.04

Visa

V: 150.05

My Portfolio

Bank of America

Welcome to the Flatiron Stock Exchange!

Today, you are a broker who is trying to better organize the stocks available on the Flatiron Stock Market.

Setup

All the stock data about can be found in the `db.json` file. We'll be using `json-server` to create a RESTful API for our database.

Run `npm install` to install our dependencies.

Then, run `npm run server` to start up `json-server` on `http://localhost:3001` .

In another tab, run `npm start` to start up our React app at `http://localhost:3000` .

Deliverables

After the stocks are fetched, your job is to:

- Render all the stocks onto the page. The styling of how a Stock should look like is already in the `Stock` component.

- Allow a user to buy a stock by clicking on it and when it is bought, it should be added to `MyPortfolio` .

- Allow a user to sell a stock in their `Portfolio` by clicking on the stock and it should be removed from their `Portfolio` .

- Allow a user to sort the list of stocks alphabetically by the ticker name as well as by ascending price.

- Allow a user to filter stocks based on the type of the stock.

Best of luck!

This tool needs to be loaded in a new browser window

Load Practice Challenge: Flatiron Stock Exchange (CodeGrade) in a new window