



S&P 500 Stock Tracker

By Hugh Greethed

Welcome Menu

```
➔ ~/Documents/CoderAcademy/Term1/project1/sp500_stock_tracker/src ➔ features ➤ ruby stock_price_check.rb
Welcome to the S&P 500 Stock Tracker
Please choose which function you'd like to use: (Use ↑/↓ and ←/→ arrow keys, press Enter to select)
▶ Get stock overview
  Get stock price information
  Get stock price information in percentages
  Show list of available stock tickers
  Build watchlist
  Show watchlist
```

Building and showing watchlist

```
Please choose which function you'd like to use: Build watchlist
Enter all stock tickers that you wish to have in your watchlist.
Each new stock ticker should be on a new line - Enter blank when done:
```

```
AAPL
NFLX
MMM
AMD
NVDA
```

```
Keep using S&P 500 Stock Tracker? Yes
```

```
Please choose which function you'd like to use: Show watchlist
```

```
AAPL
NFLX
MMM
AMD
NVDA
```

```
Keep using S&P 500 Stock Tracker? (Y/n) █
```

Printing Watchlist Information

```
Please choose which function you'd like to use: Get watchlist stock overview
+-----+-----+-----+
|                   Watchlist                   |
+-----+-----+-----+
| Ticker | Company           | Sector          | Price   | PE Ratio |
+-----+-----+-----+
| NFLX   | Netflix Inc.        | Information Technology | $314.09 | 73.61 |
| MMM    | 3M Company            | Industrials      | $133.58 | 16.87 |
| AMD    | Advanced Micro Devices Inc | Information Technology | $39.005 | 127.43 |
+-----+-----+-----+
Keep using S&P 500 Stock Tracker? Yes
Please choose which function you'd like to use: Get watchlist price information
+-----+-----+-----+
|                   Watchlist                   |
+-----+-----+-----+
| Stock | Price     | Price Change from Prev Day | Price Change YTD | Change from 52 Week High | Change From 52 Week Low |
+-----+-----+-----+
| NFLX  | $314.09   | -$35.83                | -$13.01          | -$79.43             | $61.81           |
| MMM   | $133.58   | -$13.66                | -$36.7           | -$86.17             | $0.0             |
| AMD   | $39.005   | -$6.695               | -$8.42           | -$20.265            | $16.225          |
+-----+-----+-----+
Keep using S&P 500 Stock Tracker? Yes
Please choose which function you'd like to use: Get watchlist price information in percentages
+-----+-----+-----+
|                   Watchlist                   |
+-----+-----+-----+
| Stock | Price     | % Change Prev Day | % Change YTD | % From 52 Week High | % From 52 Week Low |
+-----+-----+-----+
| NFLX  | $314.09   | -10.24%              | -4.14%          | -20.18%             | 24.5%            |
| MMM   | $133.58   | -9.28%               | -27.48%         | -39.21%             | 0.0%             |
| AMD   | $39.005   | -14.65%              | -21.57%         | -34.19%             | 71.23%           |
+-----+-----+-----+
Keep using S&P 500 Stock Tracker? no
➔ ~/Documents/CoderAcademy/Term1/project1/sp500_stock_tracker/src ↵ ↵ features >
```

Potential Improvements

- ❖ Nest menu items for displaying stock information
- ❖ Add portfolio tracking feature
- ❖ Add sector performance and best sectors features