```
lseverini Repository/Data_200_Lab_02 % python stocks.py
Lab 2 program - Luca Severini - 008879723
Stock Analyzer -
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 1
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 1
Add Stock --
Add Stock ---
Enter stock symbol [leave blank to exit] : aapl
Enter company name for AAPL: Apple
Enter price [enter 0 to get it from Yahoo! Finance]: 0
Getting AAPL price from Yahoo! Finance...
Retrieved price for AAPL: 197.35
Enter number of shares (0 if none): 100
Enter date (MM/DD/YY) [leave blank for today]:
Stock created:
Stock created:
AAPL (Apple) - Price: 197.35, Amount: 100.0
Stock AAPL already present
Enter stock symbol [leave blank to exit]:
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 2
Update Shares --
1 - Buy Shares
2 - Sell Shares
3 - Update Price
0 - Exit Update Shares
Enter Menu Option: 1
Buy Shares ---
Stock list: [ AAPL, AMZN, MSFT ]
Which stock do you want to buy? [leave blank to exit] : aapl
How many shares do you want to buy? (0 to cancel) : 200
Stock 'AAPL' transaction added
Update Shares -
1 - Buy Shares
2 - Sell Shares
3 - Update Price
0 - Exit Update Shares
Enter Menu Option: 0
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 4
List Stocks
SYMBOL N
                 NAME
                                                              PRICE
                                                                                  SHARES
                                                                                                         VALUE
AAPL
                 Apple Inc.
                                                            180.00
                                                                                  1700.0
                                                                                                 306000.00
                                                           04/10/25
                                                                                  190.00
                                                                                                         500.0
                                                           05/05/25
                                                                                  100.00
                                                                                                       1000.0
                                                           05/07/25
                                                                                  180.00
                                                                                                         200.0
                                                                0.00
                                                                                    300.0
AMZN
                 Amazon.com, Inc.
                                                                                                          0.00
                                                                DATE
                                                                                   PRICE
                                                                                                       VOLUME
                                                           05/04/25
                                                                                  150.00
                                                                                                         300.0
MSFT
                                                                                  2100.0
                 Microsoft
                                                            200.00
                                                                                                 420000.00
                                                                                   PRICE
                                                           05/07/25
                                                                                  200.00
                                                                                                         100.0
                                                           05/07/25
                                                                                  200.00
                                                                                                       2000.0
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
 4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 0
Returning to Main Menu
Stock Analyzer --
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
```

Manage Stocks ---1 - Add Stock 2 - Update Shares 3 - Delete Stock 4 - List Stocks

Enter Menu Option: 1

5 - Manage Data (Save, Load, Retrieve) 0 - Exit Program

```
Enter Menu Option: 2
Update Shares ---
1 - Buy Shares
2 - Sell Shares
3 - Update Price
0 - Exit Update Shares
Enter Menu Option: 2
Sell Shares ---
Stock list: [ AAPL, AMZN, MSFT ]
Which stock do you want to sell? [leave blank to exit] : 1000
Stock '1000' not found.
Update Shares -
1 - Buy Shares
2 - Sell Shares
3 - Update Price
0 - Exit Update Shares
Enter Menu Option: 2
Sell Shares --
Stock list: [ AAPL, AMZN, MSFT ]
Which stock do you want to sell? [leave blank to exit] : aapl
Stock AAPL amount: 1700.0
How many shares do you want to sell? (0 to cancel) : 1000 Stock 'AAPL' transactions added
Update Shares --
1 - Buy Shares
2 - Sell Shares
3 - Update Price
0 - Exit Update Shares
Enter Menu Option: 0
Manage Stocks ---
manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 0
Returning to Main Menu
Stock Analyzer ---
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve) \theta - Exit Program
Enter Menu Option: 1
Manage Stocks -
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 4
List Stocks ---
                NAME
                                                        PRICE
                                                                           SHARES
                                                                                                VALUE
SYMBOL
AAPL
                                                                             700.0
PRICE
                                                                                         126000.00
                Apple Inc.
                                                       180.00
                                                          DATE
                                                                                               VOLUME
                                                      04/10/25
                                                                                                500.0
                                                                           190.00
                                                     05/05/25
05/07/25
                                                                           100.00
                                                                                               1000.0
                                                                                             -1000.0
                                                     05/07/25
                                                                           180.00
AMZN
                Amazon.com, Inc.
                                                           DATE
                                                                            PRICE
                                                                                               VOLUME
                                                     05/04/25
                                                                           150.00
                                                                                                300.0
MSFT
                Microsoft
                                                       200.00
                                                                           2100.0
                                                                                          420000.00
                                                          DATE
                                                                            PRICE
                                                                                               VOLUME
                                                      05/07/25
                                                     05/07/25
                                                                           200.00
                                                                                               2000.0
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 0
Returning to Main Menu
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Price, Volume
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 1
Manage Stocks -
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 2
Update Shares ---
1 - Buy Shares
2 - Sell Shares
```

0 - Exit Manage Stocks

```
3 - Update Price
0 - Exit Update Shares
Enter Menu Option: 3
Update Price -
Update Price ---
Stock list: [ AAPL, AMZN, MSFT ]
Which stock do you want to update price for? [leave blank to exit] : aapl
Enter new price (0 to fetch from web, blank to cancel) : 0
Getting AAPL price from Yahoo! Finance...
Fetched price for 'AAPL': 196.95
Stock 'AAPL' price updated to: 196.95
Update Shares -
1 - Buy Shares
2 - Sell Shares
3 - Update Price
0 - Exit Update Shares
Enter Menu Option: 0
Manage Stocks -
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 0
Returning to Main Menu
Stock Analyzer --
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 1
Manage Stocks ---

1 - Add Stock

2 - Update Shares

3 - Delete Stock

4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 4
List Stocks ---
SYMBOL NAME
                                                          PRICE
                                                                             SHARES
                                                                                                   VALUE
  700.0
PRICE
                                                                                          137865.00
VOLUME
AAPL
                Apple Inc.
                                                            DATE
                                                       04/10/25
                                                                             190.00
                                                                                                   500.0
                                                       05/05/25
                                                                             100.00
                                                                                                 1000.0
                                                                             180.00
180.00
                                                                                                200.0
                                                        05/07/25
                                                       05/07/25
                                                                              300.0
PRICE
AMZN
                 Amazon.com, Inc.
                                                            0.00
                                                                                                    9.99
                                                                                                 VOLUME
                                                       05/04/25
                                                                             150.00
                                                                                                   300.0
                                                         200.00
DATE
                                                                             2100.0
PRICE
MSFT
                Microsoft
                                                                                            420000.00
                                                       05/07/25
                                                                             200.00
                                                                                                   100.0
                                                       05/07/25
                                                                             200.00
                                                                                                 2000.0
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 3
Delete Stock ---
Stock list: [ AAPL, AMZN, MSFT ]
Enter stock symbol to delete [leave blank to exit] :
Delete canceled.
Manage Stocks -
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 1
Add Stock ---
Enter stock symbol [leave blank to exit] : googl
Enter company name for GOOGL: Google
Enter price [enter 0 to get it from Yahoo! Finance]: 150
Enter number of shares (0 if none): 0
Stock created:
GOOGL (Google) - Price: 150.0, Amount: 0.0
Stock GOOGL added Enter stock symbol [leave blank to exit]:
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option:
List Stocks
SYMBOL
               NAME
                                                                             SHARES
                                                                                                   VALUE
                                                                                            137865.00
VOLUME
AAPL
                Apple Inc.
                                                         196.95
                                                                               700.0
                                                       04/10/25
                                                                             190.00
```

```
05/05/25
                                                                                  100.00
                                                                                                       1000.0
                                                           05/07/25
                                                                                  180.00
                                                                                                         200.0
                                                           05/07/25
AM7N
                  Amazon.com, Inc.
                                                                9.99
                                                                                    300.0
                                                                                                          9.99
                                                                                                       VOLUME
                                                           05/04/25
                                                                                  150.00
                                                                                                         300.0
                                                            150.00
GOOGL
                  Google
                                                                                     0.0
                                                                                                          0.00
                                                           No transactions.
MSFT
                  Microsoft
                                                            200.00
                                                                                  2100.0
                                                                                                  420000.00
                                                           05/07/25
                                                                                  200.00
                                                                                                         100.0
                                                           05/07/25
                                                                                  200.00
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 3
Delete Stock
Stock list: [ AAPL, AMZN, GOOGL, MSFT ]
Enter stock symbol to delete [leave blank to exit] : googl
Stock GOOGL deleted
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 4
List Stocks
                  NAME
                                                              PRICE
                                                                                  SHARES
                                                                                                         VALUE
SYMBOL
                                                                                                 137865.00
AAPL
                  Apple Inc.
                                                                                    PRICE
                                                               DATE
                                                                                                       VOLUME
                                                           04/10/25
                                                                                  190.00
                                                                                                         500.0
                                                           05/05/25
                                                                                  100.00
                                                                                                       1000.0
                                                                                  180.00
                                                                                                      200.0
                                                           05/07/25
AMZN
                  Amazon.com, Inc.
                                                                                                       VOLUME
                                                                DATE
                                                                                    PRICE
                                                           05/04/25
                                                                                  150.00
                                                                                  2100.0
PRICE
MSFT
                  Microsoft
                                                            200.00
                                                                                                  420000.00
                                                                DATE
                                                                                                       VOLUME
                                                           05/07/25
                                                                                  200.00
                                                           05/07/25
                                                                                  200.00
                                                                                                       2000.0
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 0
Returning to Main Menu
Stock Analyzer ---
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
2 - Add Dally Stock Data (Date, Price,
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 2
Stock list: [ AAPL, AMZN, MSFT ]
Which stock do you want to use? [leave blank to exit] : aapl
Ready to add data for: AAPL
Enter Data Separated by Commas
Example: 8/28/20,47.85,10550
Enter Date, Price, Volume [leave blank to exit]: 05/05/25, 200, 1000
Enter Date, Price, Volume [leave blank to exit]: 05/05/25, 200, 1000 Stock 'AAPL' transactions added Enter Date, Price, Volume [leave blank to exit]: 15/03/25 180, 500 Invalid format. Use: MM/DD/YY, price, volume Enter Date, Price, Volume [leave blank to exit]: 15/03/25, 180, 500 Invalid format. Use: MM/DD/YY, price, volume Enter Date, Price, Volume [leave blank to exit]: 03/15/25, 180, 500 Stock 'AAPL' transactions added Enter Date, Price, Volume [leave blank to exit]:
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
Stock Analyzer --
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 0
Lab 2 program - Luca Severini - 008879723
Stock Analyzer -
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
```

```
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 1
Manage Stocks ---
Manage Stocks ---
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 4
List Stocks
SYMBOL
               NAME
                                                    PRICE
                                                                     SHARES
                                                                                        VALUE
 196.95
AAPL
               Apple Inc.
                                                                     2200.0
                                                                                 433290.00
                                                                       PRICE
                                                                                       VOLUME
                                                                                         500.0
500.0
                                                  03/15/25
                                                                     180.00
                                                  04/10/25
                                                                     190.00
                                                  95/95/25
                                                                     100.00
                                                                                       1000.0
                                                  05/05/25
                                                                     200.00
                                                                                       1000.0
                                                  05/07/25
                                                                     180.00
                                                                                         200.0
                                                  05/07/25
                                                                     180.00
                                                                                      -1000.0
                                                      0.00
                                                                       300.0
AMZN
               Amazon.com, Inc.
                                                                                          0.00
                                                      DATE
                                                                       PRICE
                                                                                       VOLUME
                                                  05/04/25
                                                                     150.00
                                                                                         300.0
MSFT
                                                                     2100.0
                                                                                   420000.00
               Microsoft
                                                   200.00
                                                      DATE
                                                                       PRICE
                                                                                       VOLUME
                                                  05/07/25
                                                                     200.00
                                                                                         100.0
                                                  05/07/25
                                                                     200.00
                                                                                       2000.0
Manage Stocks ---

1 - Add Stock

2 - Update Shares

3 - Delete Stock

4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 0
Returning to Main Menu
Stock Analyzer
Stock Analyzer ---
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 3
Stock Report -
Stock list: [ AAPL, AMZN, MSFT ]
For which stock do you want the report? [leave blank to exit] : aapl
Report for: AAPL Apple Inc.
Shares: 2200.0
Price: $196.95
Transactions: 6
                            PRICE
                                             VOLUME
            DATE
      03/15/25
                           180.00
                                               500.0
      04/10/25
                           190.00
                                               500.0
      05/05/25
                            100.00
                                             1000.0
      05/05/25
                           200.00
                                             1000.0
      05/07/25
                           180 00
                                               200.0
- Report Complete -
Stock list: [ AAPL, AMZN, MSFT ]
For which stock do you want the report? [leave blank to exit] : amzn
Report for: AMZN Amazon.com, Inc.
 Shares: 300.0
Price: $0.0
Transactions: 1
            DATE
                            PRICE
      05/04/25
                           150.00
                                              300.0
- Report Complete -
Stock list: [ AAPL, AMZN, MSFT ]
For which stock do you want the report? [leave blank to exit] :
Stock Analyzer ---
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
 4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 4
Stock Chart ---
Stock list: [ AAPL, AMZN, MSFT ]
Stock list: [ AAPL, AMKN, MSFT ]
For which stock do you want the report? [leave blank to exit] : aapl
Plotting chart for stock 'AAPL'...
Stock list: [ AAPL, AMZN, MSFT ]
For which stock do you want the report? [leave blank to exit] : amzn
Plotting chart for stock 'AMXN'...
Stock list: [ AAPL, AMZN, MSFT ]
For which stock do you want the report? [leave blank to exit] :
Stock Analyzer --
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
```

```
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
 Enter Menu Option: 5
Manage Data -
Manage Data ---
1 - Save to Database
2 - Load from Database
3 - Retrieve from Web
4 - Import from CSV File
5 - Export to CSV File
0 - Exit Manage Data
Enter Menu Option: 3
Retrieve Data from Web -
Enter stock symbols separated by commas [leave blank to cancel]: TSLA, META, NVDA
Stock list: [ META, NVDA, TSLA ]
Fetching stock data (it can take a while or even fail - [Control-C to stop fetching data])
Fetching META stock data...
^CCould not find post-market price using selector: [data-testid='qsp-post-price']
Could not find post-market change using selector: [data-testid='qsp-post-price-change']
Could not find post-market change using selector: [data-testid='qsp-post-price-change-percent']
Fetching NVDA stock data...

^CCould not find post-market price using selector: [data-testid='qsp-post-price']
Could not find post-market change using selector: [data-testid='qsp-post-price-change']
Could not find post-market change using selector: [data-testid='qsp-post-price-change']
Could not find post-market change percent using selector: [data-testid='qsp-post-price-change-percent']
 Fetching TSLA stock data..
^CCould not find post-market price using selector: [data-testid='qsp-post-price']
Could not find post-market change using selector: [data-testid='qsp-post-price-change']
Could not find post-market change percent using selector: [data-testid='qsp-post-price-change-percent']
Stock META added
Stock NVDA added
Stock TSLA added
Manage Data -
1 - Save to Database
2 - Load from Database
3 - Retrieve from Web
4 - Import from CSV File
5 - Export to CSV File
0 - Exit Manage Data
Enter Menu Option: 3
Retrieve Data from Web ---
Retrieve Data from Web ---
Enter stock symbols separated by commas [leave blank to cancel] : AAPL, MSFT
Stock list: [ AAPL, MSFT ]
Fetching stock data (it can take a while or even fail - [Control-C to stop fetching data])
Fetching AAPL stock data...
Could not find post-market price using selector: [data-testid='qsp-post-price']
**CCould not find post-market change using selector: [data-testid='qsp-post-price-change']
Could not find post-market change percent using selector: [data-testid='qsp-post-price-change-percent']
Fetching MSFT stock data... ^CCould not find post-market price using selector: [data-testid='qsp-post-price']
Could not find post-market change using selector: [data-testid='qsp-post-price-change']
Could not find post-market change using selector: [data-testid='qsp-post-price-change-percent']
Stock AAPL already present
Stock MSFT already present
Manage Data
1 - Save to Database2 - Load from Database
3 - Retrieve from Web
4 - Import from CSV File
5 - Export to CSV File
0 - Exit Manage Data
Enter Menu Option: 0
Returning to Main Menu
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Date
Stock Analyzer -
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 1
Manage Stocks -
1 - Add Stock
2 - Update Shares
3 - Delete Stock
4 - List Stocks
0 - Exit Manage Stocks
Enter Menu Option: 4
List Stocks
                   NAME
                                                                                           SHARES
                                                                                                                    VALUE
SYMBOL
                                                                    PRICE
AAPL
                                                                   196.95
                                                                                           2200.0
                                                                                                           433290.00
                    Apple Inc.
                                                                      DATE
                                                                                            PRICE
                                                                                                                  VOI LIME
                                                                 03/15/25
                                                                                           180.00
                                                                                                                    500.0
                                                                 04/10/25
05/05/25
                                                                                           190.00
                                                                                                                  500.0
                                                                 05/05/25
                                                                                           200.00
                                                                                                                  1000.0
                                                                 05/07/25
05/07/25
                                                                                            180.00
                                                                                                                -1000.0
                                                                                           180.00
AMZN
                                                                                            300.0
                    Amazon.com, Inc.
                                                                                                                  VOLUME
                                                                                            PRICE
                                                                       DATE
                                                                 05/04/25
                                                                                           150.00
                                                                                                                    300.0
                                                                                               0.0
META
                    Meta Platforms, Inc.
                                                                  591.47
                                                                                                                     0.00
                                                                 No transactions.
MSFT
                                                                   200.00
                                                                                           2100.0
                                                                                                            420000.00
                    Microsoft
                                                                      DATE
                                                                                            PRICE
                                                                                                                  VOLUME
                                                                 05/07/25
                                                                                           200.00
```

05/07/25

113.14

No transactions.

NVDA

NVIDIA Corporation

200.00

0.0

2000.0

0.00

Shares: 2200.0 Price: \$196.95 Transactions: 6 DATE PRICE VOLUME 03/15/25 180.00 500.0 04/10/25 190.00 500.0 05/05/25 100.00 1000.0 05/05/25 200.00 1000.0

180.00

Report for: AAPL Apple Inc.

- Report Complete -

05/07/25

Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ] For which stock do you want the report? [leave blank to exit] : amzn

200.0

Report for: AMZN Amazon.com, Inc. Shares: 300.0 Price: \$0.0

PRICE 05/04/25 150.00 300.0

- Report Complete -

Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ] For which stock do you want the report? [leave blank to exit] :

Stock Analyzer -

1 - Manage Stocks (Add, Update, Delete, List) 2 - Add Daily Stock Data (Date, Price, Volume)

3 - Stock Report 4 - Stock Chart 5 - Manage Data (Save, Load, Retrieve)

0 - Exit Program Enter Menu Option: 4

Stock Chart --Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : aapl
Plotting chart for stock 'AAPL'...

```
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : amzn Plotting chart for stock 'AMZN'...
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : msft Plotting chart for stock 'MSFT'...
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] :
Stock Analyzer -
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 2
Add Daily Stock Data ---
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
Which stock do you want to use? [leave blank to exit] : msft
Ready to add data for: MSFT
Enter Data Separated by Commas
Example: 8/28/20,47.85,10550
Enter Date, Price, Volume [leave blank to exit]: 04/10/25,200,500
Stock 'MSFT' transactions added
Enter Date, Price, Volume [leave blank to exit]:
Stock Analyzer ---
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 4
Stock Chart ---
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : amzn
Plotting chart for stock 'AMZN'...
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : msft Plotting chart for stock 'MSFT'...

Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] :
Stock Analyzer ---
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 3
Stock Report ---
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : msft
Report for: MSFT Microsoft
Shares: 2600.0
Price: $200.0
Transactions: 3
              DATE
                                  PRICE
                                                      VOLUME
       05/07/25
                                 200.00
                                                         100.0
       05/07/25
04/10/25
                                  200.00
                                                       2000.0
                                 200.00
                                                        500.0
- Report Complete -
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ] For which stock do you want the report? [leave blank to exit] :
Stock Analyzer --
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 2
Add Daily Stock Data
Add Daily Stock Data ---
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
Which stock do you want to use? [leave blank to exit] : 04/20/25, 220, 100
Stock '04/20/25, 220, 100' not found.
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Phana
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 4
Stock Chart -
Stock Chart ---
Stock Chart ---
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : msft
Plotting chart for stock 'MSFT'...
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] :
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 3
```

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Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : msft
Report for: MSFT Microsoft
Shares: 2600.0
Price: $200.0
Transactions: 3
                                  PRICE
                                                      VOLUME
       05/07/25
                                200.00
                                                       100.0
       05/07/25
                                200.00
                                                      2000.0
      04/10/25
                                200.00
                                                       500.0
- Report Complete -
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ] For which stock do you want the report? [leave blank to exit] :
Stock Analyzer -
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 2
Add Daily Stock Data ---
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
Which stock do you want to use? [leave blank to exit] : msft
Ready to add data for: MSFT
Enter Data Separated by Commas
Example: 8/28/20,47.85,10550
Enter Date, Price, Volume [leave blank to exit]: 05/06/25, 180, 50 Stock 'MSFT' transactions added Enter Date, Price, Volume [leave blank to exit]:
Stock Analyzer -
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
5 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 3
Stock Report -
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : msft
Report for: MSFT Microsoft
Shares: 2650.0
Price: $200.0
Transactions: 4
                                 PRICE
              DATE
                                                      VOLUME
       05/07/25
                                200.00
                                                        100.0
       05/07/25
                                200.00
                                                      2000.0
       04/10/25
                                200.00
       05/06/25
                                180.00
                                                         50.0
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ] For which stock do you want the report? [leave blank to exit] :
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 4
Stock Chart
Stock Chart ---
Stock Inst: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] : msft
Plotting chart for stock 'MSFT'...
Stock list: [ AAPL, AMZN, META, MSFT, NVDA, TSLA ]
For which stock do you want the report? [leave blank to exit] :
Stock Analyzer -
Stock Analyzer ---
1 - Manage Stocks (Add, Update, Delete, List)
2 - Add Daily Stock Data (Date, Price, Volume)
3 - Stock Report
4 - Stock Chart
5 - Manage Data (Save, Load, Retrieve)
0 - Exit Program
Enter Menu Option: 0
Goodbye
lseverini Repository/Data_200_Lab_02 %
```

Stock Report -



