Advanced Software Term Project

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Abstract

https://github.com/Alex-Conners/Term-Project.git

1 Q1

The sample data set of Apple stock prices has 252 different stock prices.

The mean, or average, of this data set is: 88.68756945238094

The standard deviation of this data set is: 20.455228865439324

This links to the code I used to find this the mean and the standard deviation.

Q1 GitHub Link

2 Q2

The Graph below is of the Apple stock data set.

This links to the code that I used to create the graph.

Q2 GitHub Link

3 Q3

The maximum profit of a stock is the max dollar amount that can be earned from buying and then later selling a stock.

The maximum profit for this Apple stock data set is: 80.854996

This links to the code I used to find the maximum profit.

Q3 GitHub Link

Figure 1: Apple Stock Price, Nov 2019 to Nov 2020