EXPERIMENT - 4

Aim: To execute a pandas program to create a line plot of the historical stock prices of Alphabet inc. between two specific dates.
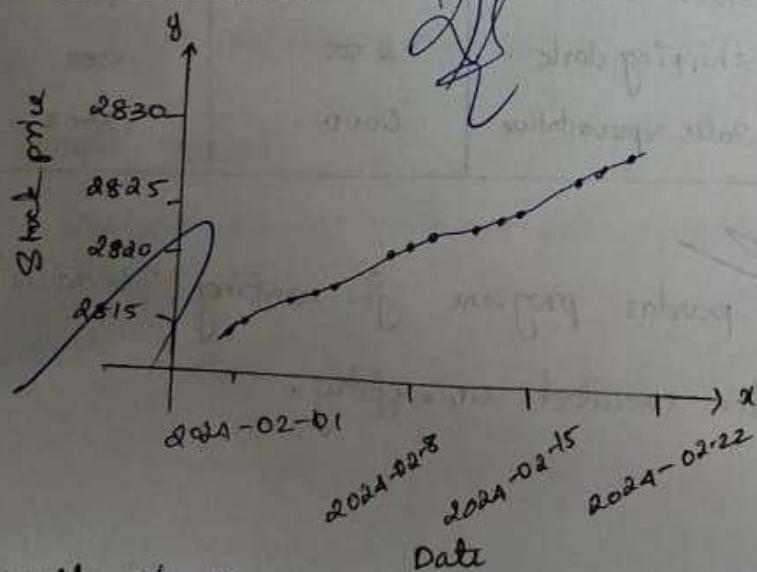
Pseudocode:

1) Import the required libraries : pandas and matplotlib. pyplot as pd, plt.

2) Load the dataset containing stock price data for Alphabet Inc.

3) Convert the Date column to a datetime format to ensure proper filtering.

4) Filter the DataFrame to only include data between the specified start and end dates.

5) Plot a line chart of stock prices(eg: closing prices)

6) Label the axes and give the plot a title and display.

Sample input:

Alphabet inc - database (stock)

Sample output:

Result: Therefore the pandas program to create line plot of historical stock price of Alphabet inc. executed successfully.

Historical Stock Prices of Alphabet Inc.