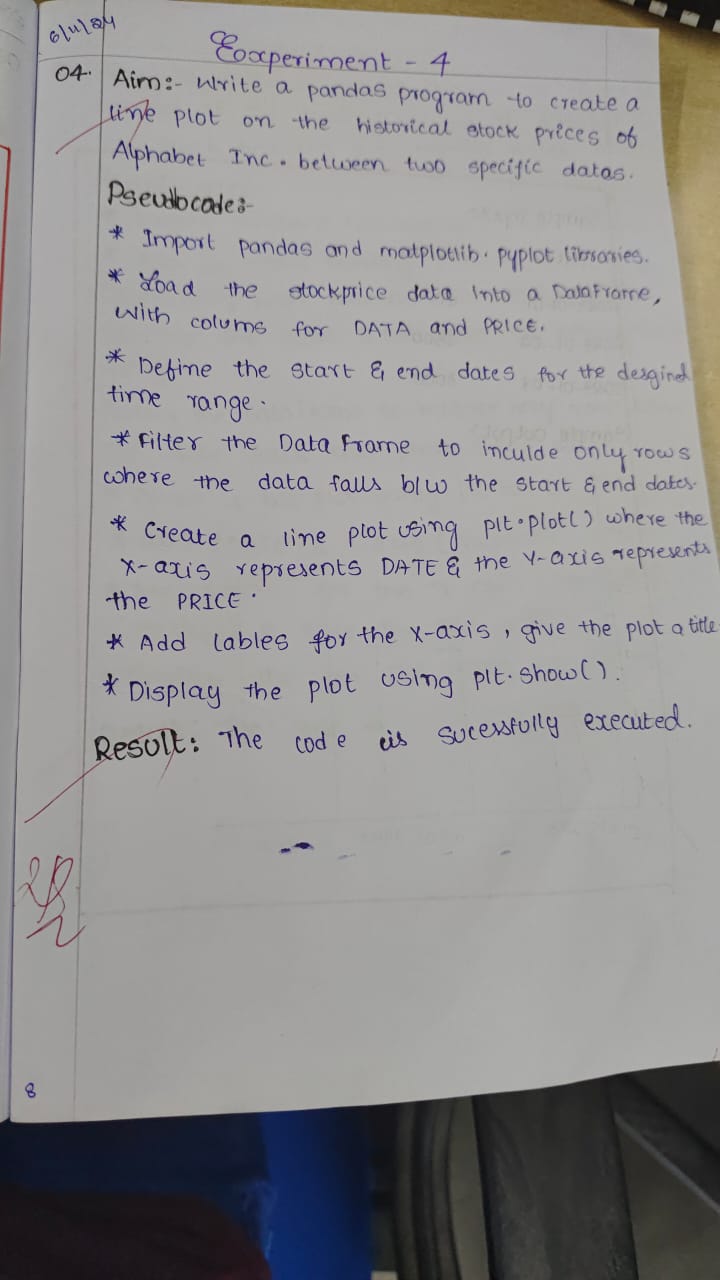
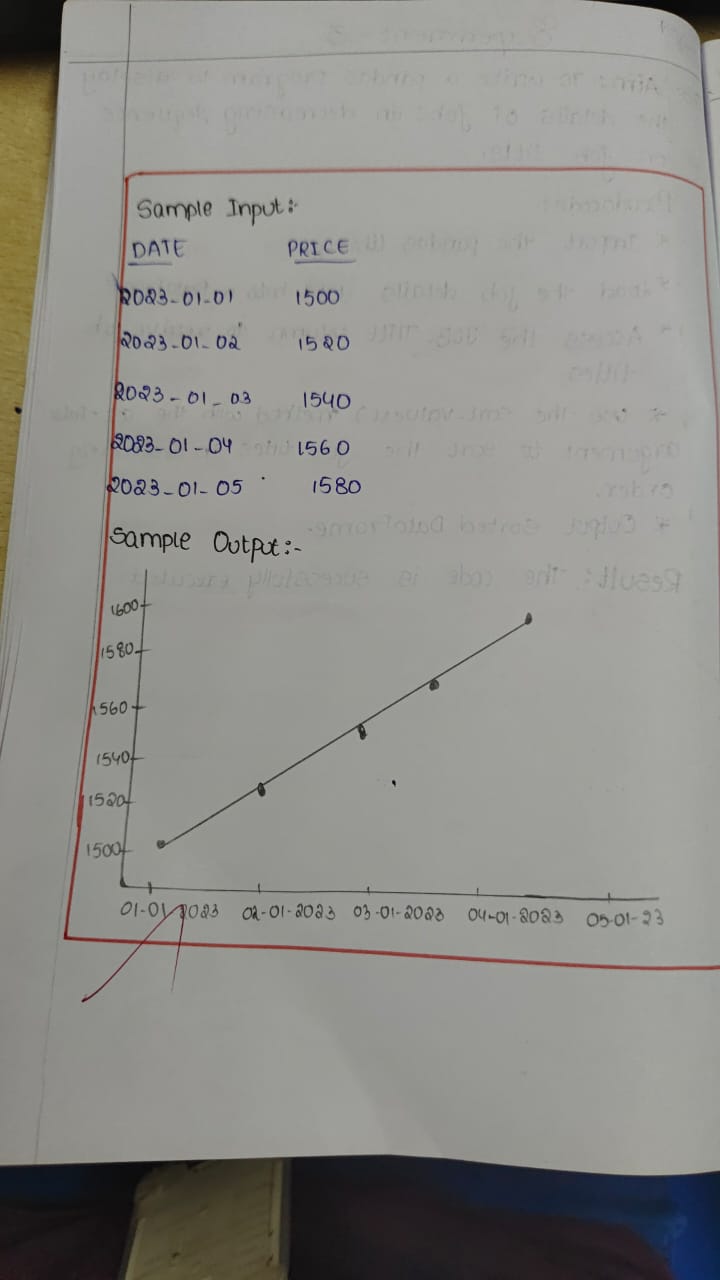
**Experiment 4**

**Lab Book:**

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**Code:**

import pandas as pd

import yfinance as yf

import matplotlib.pyplot as plt

ticker\_symbol = "GOOGL"

start\_date = "2023-01-01"

end\_date = "2023-12-31"

stock\_data = yf.download(ticker\_symbol, start=start\_date, end=end\_date)

plt.figure(figsize=(10, 6))

plt.plot(stock\_data.index, stock\_data['Close'], label="Closing Price", color="blue")

plt.title("Alphabet Inc. Stock Prices")

plt.xlabel("Date")

plt.ylabel("Closing Price (USD)")

plt.legend()

plt.grid(True)

plt.show()

**Sample Output**

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