**EXPERIMENT-5**

**AIM:**

To computea Pandas program to create a bar plot of the trading volume of Alphabet Inc. stock between two specific dates.

**PROGRAM:**

import pandas as pd

import matplotlib.pyplot as plt

import yfinance as yf

ticker = 'GOOGL'

start\_date = '2023-01-01'

end\_date = '2023-12-31'

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

print(stock\_data.head())

plt.figure(figsize=(12, 6))

plt.bar(stock\_data.index, stock\_data['Volume'], color='b')

plt.title('Alphabet Inc. (GOOGL) Trading Volume')

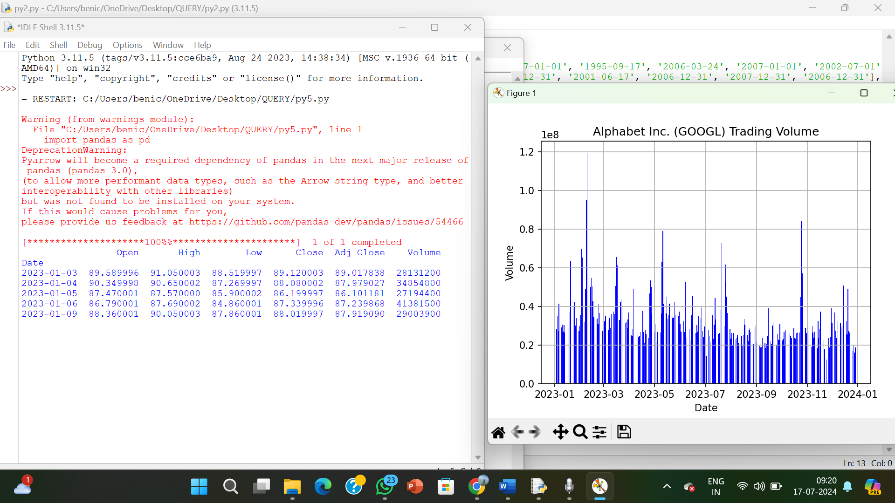
plt.xlabel('Date')

plt.ylabel('Volume')

plt.grid(True)

plt.show()

**OUTPUT:**

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**RESULT:**

The pythonprogram to create a bar plot of the trading volume of Alphabet Inc. stock between two specific dates is executed and verified.