

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

PROGRAM:

```
import yfinance as yf
import pandas as pd
import matplotlib.pyplot as plt

# Set the start and end dates
start_date = '2023-01-01'
end_date = '2024-01-01'

# Fetch historical stock data for Alphabet Inc. from Yahoo Finance
symbol = 'GOOGL'
stock_data = yf.download(symbol, start=start_date, end=end_date)

# Extract the trading volume
trading_volume = stock_data['Volume']

# Plot the data as a bar plot
plt.figure(figsize=(10, 6))
trading_volume.plot(kind='bar', title=f'Trading Volume of {symbol}',
                    ylabel='Volume', xlabel='Date')
plt.grid(True)
plt.show()
```

OUTPUT:

