4.Write a Pandas program to create a line plot of the historical stock prices of Alphabet Inc. 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 'Close' prices
closing_prices = stock_data['Close']

# Plot the data
plt.figure(figsize=(10, 6))
closing_prices.plot(kind='line', title=f'Historical Stock Prices of {symbol}',
ylabel='Closing Price', xlabel='Date')
plt.grid(True)
plt.show()
```

OUTPUT: