4. Write a Pandas program to create a line plot of the historical stock prices of Alphabet Inc. between two specific dates.

CODE :

```
4.Line plot stock.py - C:/Query processing/4.Line plot stock.py (3.11.1)
File  Edit  Format  Run  Options  Window  Help
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=(10, 6))
plt.plot(stock_data.index, stock_data['Close'], label='Close Price')
plt.title('Historical Stock Prices of Alphabet Inc.')
plt.xlabel('Date')
plt.ylabel('Close Price (USD)')
plt.legend()
plt.grid(True)
plt.show()
```

OUTPUT: