Aim:

To develop a Pandas program to swap the cases of a character of a specified column.

Code:

Input:

```
data = {'Name': ['Alice', 'Bob', 'Charlie'], 'Age': [25, 30, 35]}

df = pd.DataFrame(data)

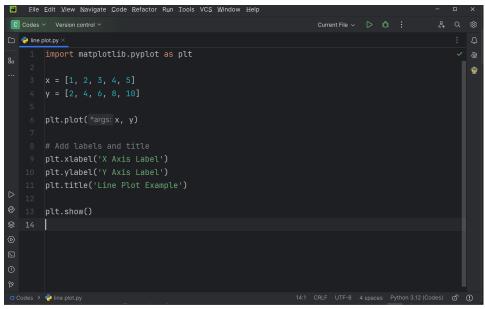
df['Name'] = df['Name'].str.swapcase()
```

Output:

Aim:

To develop a Pandas program to plot a straight line.

Code:

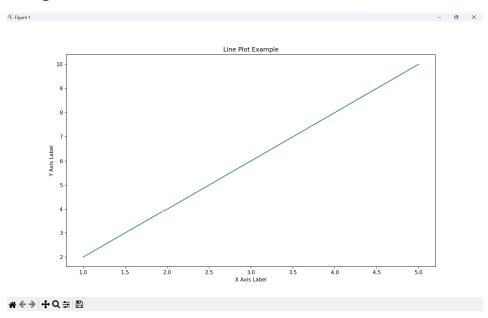


Input:

```
x = [1, 2, 3, 4, 5]

y = [2, 4, 6, 8, 10]
```

Output:



Aim:

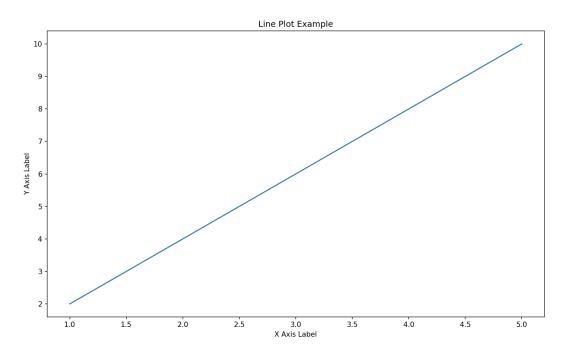
To develop a Pandas program to plot a straight-line taking axes values in .txt file.

Code:

Input:



Output:



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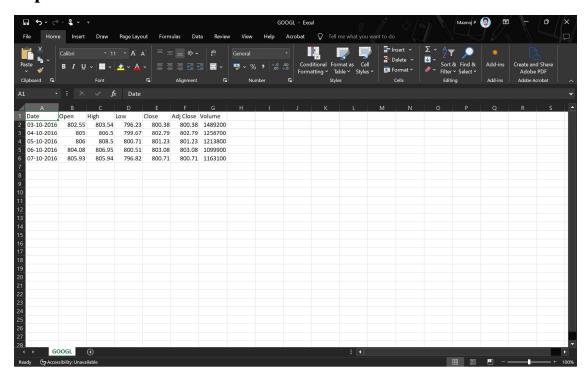
Aim:

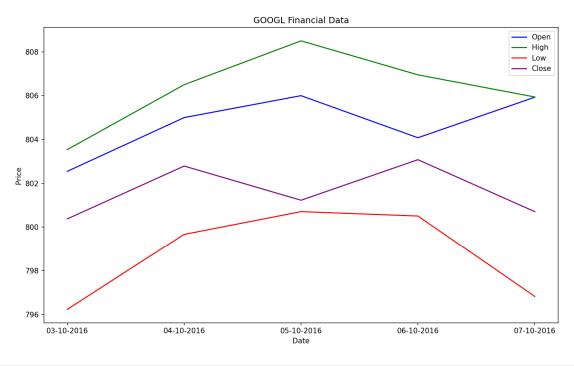
To develop a Pandas program to plot a line chart for GOOGL financial dataset.

Code:

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help
C Codes Version control V
import pandas as pd
       import matplotlib.pyplot as plt
       df = pd.read_csv('G00GL.csv')
    7 plt.figure(figsize=(14, 7))
    8 plt.plot(*args: df['Date'], df['Open'], label='Open', color='blue')
    9 plt.plot(*args: df['Date'], df['High'], label='High', color='green')
       plt.plot(*args: df['Date'], df['Low'], label='Low', color='red')
   plt.plot(*args: df['Date'], df['Close'], label='Close', color='purple')
   13 plt.title('G00GL Financial Data')
   15 plt.ylabel('Price')
       plt.legend()
       plt.show()
   odes 🗦 ὂ line chart fin data.py
```

Input:







Aim:

To develop a Pandas program to plot a line chart with 2 or more values

Code:

Input:

```
x = [1, 2, 3, 4, 5]

y1 = [1, 4, 9, 16, 25]
```

Output:

