

Write a Python program to draw line charts of the financial data of Alphabet Inc. between October 3, 2016 to October 7, 2016

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

```
data = {
    'Date': ['10-03-16', '10-04-16', '10-05-16', '10-06-16', '10-07-16'],
    'Open': [774.25, 776.030029, 779.309998, 779, 779.659973],
    'High': [776.065002, 778.710022, 782.070007, 780.47998, 779.659973],
    'Low': [769.5, 772.890015, 775.650024, 775.539978, 770.75],
    'Close': [772.559998, 776.429993, 776.469971, 776.859985, 775.080017]
}
```

```
df = pd.DataFrame(data)
```

```
df['Date'] = pd.to_datetime(df['Date'])
```

```
df.set_index('Date', inplace=True)
```

```
plt.figure(figsize=(10, 6))
```

```
plt.plot(df.index, df['Open'], label='Open', marker='o')
```

```
plt.plot(df.index, df['High'], label='High', marker='o')
```

```
plt.plot(df.index, df['Low'], label='Low', marker='o')
```

```
plt.plot(df.index, df['Close'], label='Close', marker='o')
```

```
plt.xlabel('Date')
```

```
plt.ylabel('Price')
```

```
plt.title('Alphabet Inc. Stock Prices (Oct 3, 2016 - Oct 7, 2016)')
```

```
plt.xticks(rotation=45)
```

```
plt.legend()
```

```
plt.tight_layout()
```

```
plt.show()
```

OUTPUT:

