

# Visualize the daily temperature changes over time in a city and give your conclusion.

#Input:-

```
import matplotlib.pyplot as plt
```

# Data

```
days = list(range(1, 32))
```

```
temperature = [65, 68, 70, 72, 75, 76, 78, 80, 81, 79, 75, 72, 70, 68, 67, 69, 70,  
73, 75, 76, 78, 80, 81, 82, 83, 82, 80, 78, 76, 74, 71]
```

# Create line chart

```
plt.figure(figsize=(12, 6))
```

```
plt.plot(days, temperature, marker='o', color='blue')
```

# Add title and labels

```
plt.title('Daily Temperature Changes Over Time')
```

```
plt.xlabel('Days')
```

```
plt.ylabel('Temperature (°F)')
```

# Show the chart

```
plt.grid(True)
```

```
plt.show()
```

#Output:-

