```python
import matplotlib.pyplot as plt
import numpy as np
from datetime import datetime, timedelta
#模拟30天最高气温
dates = [datetime.now() + timedelta(days=i) for i in range(30)]
temperatures = np.random.randint(20, 35, size=30)
plt.figure(figsize=(10, 5))
plt.plot( *args: dates, temperatures, marker='o', linestyle='-', color='b')
plt.title('max temperature in 30 days')
plt.xlabel('date')
plt.ylabel('temperature °C')
plt.gcf().autofmt_xdate()
plt.show()
```
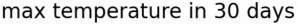
Figure 1

max temperature in 30 days