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In [1]: # 2.compare temperature between 2 cities using line chart
import matplotlib.pyplot as plt

# Data
months = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep', 'Oct',
city_a_temp = [12, 25, 28, 35, 40, 35, 33, 30, 28, 20, 16, 10] # City A tempera
city_b_temp = [10, 12, 13, 22, 28, 32, 38, 36, 31, 26, 18, 13] # City B tempera

# Create line chart
plt.figure(figsize=(10, 6))
plt.plot(months, city_a_temp, marker='o', label='City A', color='blue')
plt.plot(months, city_b_temp, marker='s', label='City B', color='red')
plt.title('Temperature Comparison Between City A and City B')
plt.xlabel('Months')
plt.ylabel('Temperature (°C)')
plt.legend()
plt.grid(True)

# Display chart
plt.show()
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