**Ejercicios Clase N°5**

1-

import matplotlib.pyplot as plt

import random

plt.plot([00, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23],[12, 11, 10, 8, 8, 7, 7, 9, 10, 12, 14, 15, 16, 18, 19, 20, 20, 19, 18, 16, 15, 13, 12, 10], marker='o')

plt.title('Evolución de la temperatura durante un día')

plt.xlabel('Hora del día')

plt.ylabel('Temperatura (°C)')

plt.show()

2-

import matplotlib.pyplot as plt

import random

plt.bar([1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12],[50, 70, 90, 60, 30, 35, 20, 25, 50, 60, 75, 80], color='red')

plt.title('Evolución de las lluvias en Chaco año 2022')

plt.xlabel('Mes')

plt.ylabel('Lluvias (mm)')

plt.show()

3-

import matplotlib.pyplot as plt

import random

plt.plot([00, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23])

plt.fill\_between([12, 11, 10, 8, 8, 7, 7, 9, 10, 12, 14, 15, 16, 18, 19, 20, 20, 19, 18, 16, 15, 13, 12, 10])

plt.title('Evolución de la temperatura durante un día')

plt.xlabel('Hora del día')

plt.ylabel('Temperatura (°C)')

plt.show()

4-

import matplotlib.pyplot as plt

import random

plt.plot([00, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23],[12, 11, 10, 8, 8, 7, 7, 9, 10, 12, 14, 15, 16, 18, 19, 20, 20, 19, 18, 16, 15, 13, 12, 10], marker='o')

plt.plot([00, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23],[2, 2, 1, 1, 2, 2, 3, 4, 5, 4, 5, 6, 8, 9, 10, 9, 9, 8, 7, 6, 5, 4, 2, 2], marker='o')

plt.title('Comparación de la temperatura durante un día entre Mendoza y Santa Cruz')

plt.xlabel('Hora del día')

plt.ylabel('Temperatura (°C)')

plt.show()