import numpy as np

import matplotlib.pyplot as plt

crop\_data = np.array([

    [100, 120, 130, 110],  # Wheat

    [90, 95, 100, 105],    # Rice

    [150, 160, 170, 180]   # Corn

])

total\_yields = np.sum(crop\_data, axis=1)

crops = ["Wheat", "Rice", "Corn"]

print("Total yield for each crop:")

for crop, total in zip(crops, total\_yields):

    print(crop, ":", total)

plt.bar(crops, total\_yields, color=['gold', 'green','orange'])

plt.title("Total Crop Yield per Crop")

plt.xlabel("Crops")

plt.ylabel("Total Yield")

plt.show()

OUTPUT:

Total yield for each crop:

Wheat : 460

Rice : 390

Corn : 660

