K-MEANS

PROGRAM:

import matplotlib.pyplot as plt

from sklearn.cluster import KMeans

x= [4, 5, 10, 4, 3, 11, 14, 6, 10, 12]

y = [21, 19, 24, 17, 16, 25, 24, 22, 21, 21]

data = list(zip(x, y))

kmeans=KMeans(n\_clusters=2)

kmeans.fit(data)

plt.scatter(x, y, c=kmeans.labels\_)

plt.show()

OUTPUT:

