35.Write a Python program to draw a scatter plot comparing two subject

marks of Mathematics and Science. Use marks of 10 students.

Sample data:

Test Data:

math\_marks = [88, 92, 80, 89, 100, 80, 60, 100, 80, 34]

science\_marks = [35, 79, 79, 48, 100, 88, 32, 45, 20, 30]

marks\_range = [10, 20, 30, 40, 50, 60, 70, 80, 90, 100]

Program:

import matplotlib.pyplot as plt

import pandas as pd

math\_marks = [88, 92, 80, 89, 100, 80, 60, 100, 80, 34]

science\_marks = [35, 79, 79, 48, 100, 88, 32, 45, 20, 30]

marks\_range = [10, 20, 30, 40, 50, 60, 70, 80, 90, 100]

plt.scatter(marks\_range, math\_marks, label='Math marks', color='r')

plt.scatter(marks\_range, science\_marks, label='Science marks', color='g')

plt.title('Scatter Plot')

plt.xlabel('Marks Range')

plt.ylabel('Marks Scored')

plt.legend()

plt.show()

Output:

