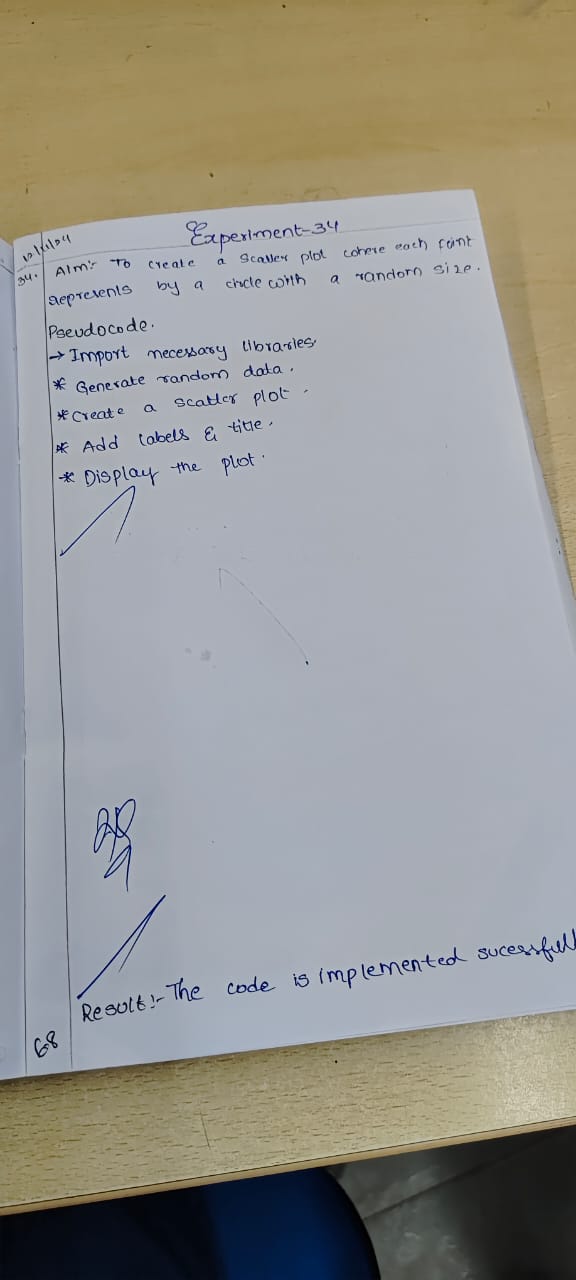
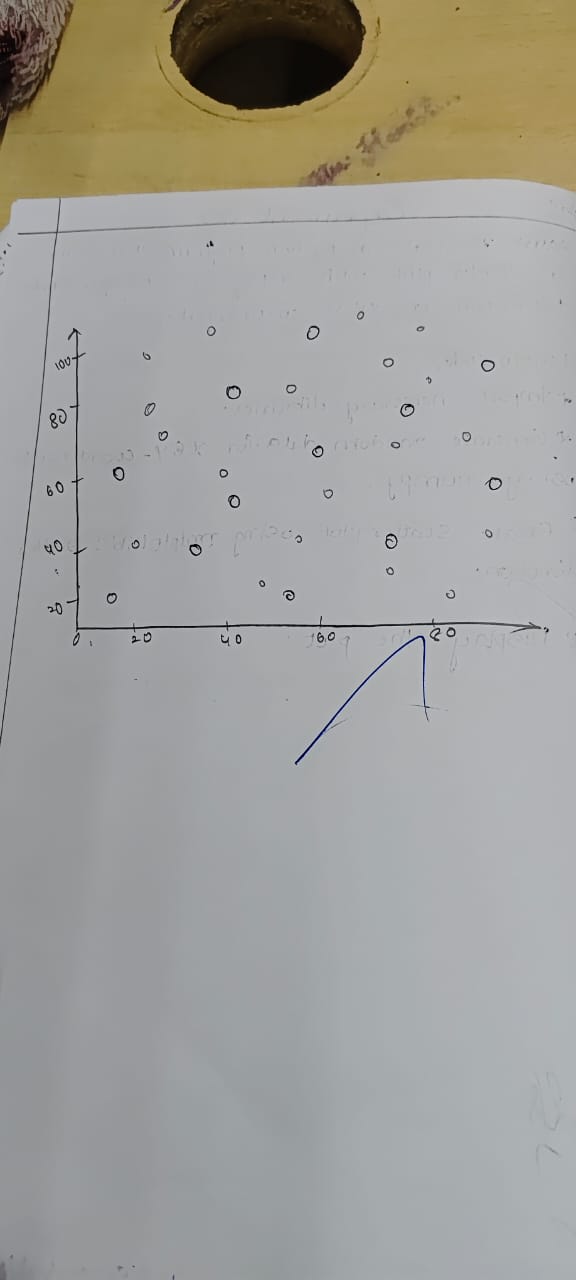
**Experiment 34**

**Lab Book:**

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**Code**

import matplotlib.pyplot as plt

import numpy as np

x = np.random.rand(50)

y = np.random.rand(50)

sizes = np.random.rand(50) \* 1000 # Random sizes for the balls

plt.scatter(x, y, s=sizes, color='b', alpha=0.5)

plt.title('Scatter Plot with Random Ball Sizes')

plt.show()

**Sample Output**

