

Aim: To Draw a line with suitable label in the x axis, y axis as a title

pseudocode:

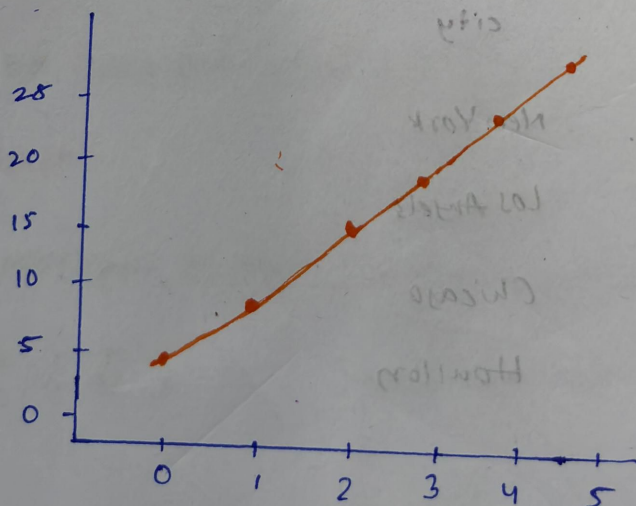
- ↓ import the necessary library matplotlib.pyplot
- ↓ prepare data for the x and y axis to plot to the line
- ↓ plot the line using the plot() function
- ↓ display plot

Sample input:

x-values: [0, 1, 2, 3, 4, 5]

y-values: [0, 1, 4, 9, 16, 25]

Sample output:



Result:

This code was executed successfully and got the output



```
# Sample data for the line plot
x = [1, 2, 3, 4, 5]
y = [2, 3, 5, 7, 11]

# Creating the line plot
plt.plot(x, y, marker='o', color='b')

# Adding labels and title
plt.xlabel("X-axis Label")
plt.ylabel("Y-axis Label")
plt.title("Line Plot Example")

# Displaying the plot
plt.show()
```

