23.Write a Python program to draw a line using given axis values taken from a

text file, with suitable label in the x axis, y axis and a title.

Test Data:

test.txt

1 2

2 4

3 1

Program:

import matplotlib.pyplot as plt

# x axis values

x = [1,2,3]

# y axis values

y = [2,4,1]

# Plot lines and/or markers to the Axes.

plt.plot(x, y)

# Set the x axis label of the current axis.

plt.xlabel('x - axis')

# Set the y axis label of the current axis.

plt.ylabel('y - axis')

# Set a title

plt.title('Line Plot')

# Display a figure.

plt.show()

Output:

