▾ Practical-10

▾ Aim :

Write a python program to perform data visualization trough Matplotlib.

```
import matplotlib.pyplot as plt
from matplotlib.figure import Figure
print("12002040701067")
x = [10, 20, 30, 40]
y = [20, 25, 35, 55]

fig = plt.figure(figsize = (5, 4))

ax = fig.add_axes([1, 1, 1, 1])

ax1 = ax.plot(x, y)

ax2 = ax.plot(y, x)

ax.set_title("Linear Graph")

ax.set_xlabel("X-Axis")
ax.set_ylabel("Y-Axis")

ax.legend(labels = ('line 1', 'line 2'))

plt.show()
```

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