

Practical No. 2

Aim: Create a simple plot and add ticks, labels and axes.

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#Aim: Create a simple plot and add ticks, labels and axes.  
  
import matplotlib.pyplot as plt  
  
x=[1,2,3,4]  
y=[2,4,6,8]  
  
fig, ax=plt.subplots()  
  
ax.plot(x,y)  
  
ax.set_xticks([1,2,3,4])  
ax.set_yticks([2,4,6,8])  
ax.set_xticklabels(['A', 'B', 'C', 'D'])  
ax.set_yticklabels(['Low', 'Medium', 'High', 'Very High'])  
ax.set_title("Simple Plotting")  
ax.set_xlabel("X-Axis")  
ax.set_ylabel("Y-Axis")
```

```
Out[11]: Text(0, 0.5, 'Y-Axis')
```

