

```
1 # Simple Plotting - Example 01
2
3 # importing the required module
4 import matplotlib.pyplot as plt
5
6 # x axis values
7 x = [1,2,3,4,5,6,7,8,9,10]
8 # corresponding y axis values
9 y = [2,4,1,3,5,4,7,8,9,2]
10
11 # plotting the points
12 plt.plot(x, y)
13
14 # naming the x axis
15 plt.xlabel('x - axis')
16 # naming the y axis
17 plt.ylabel('y - axis')
18
19 # giving a title to my graph
20 plt.title('Simple Plotting')
21
22 # function to show the plot
23 plt.show()
```

