

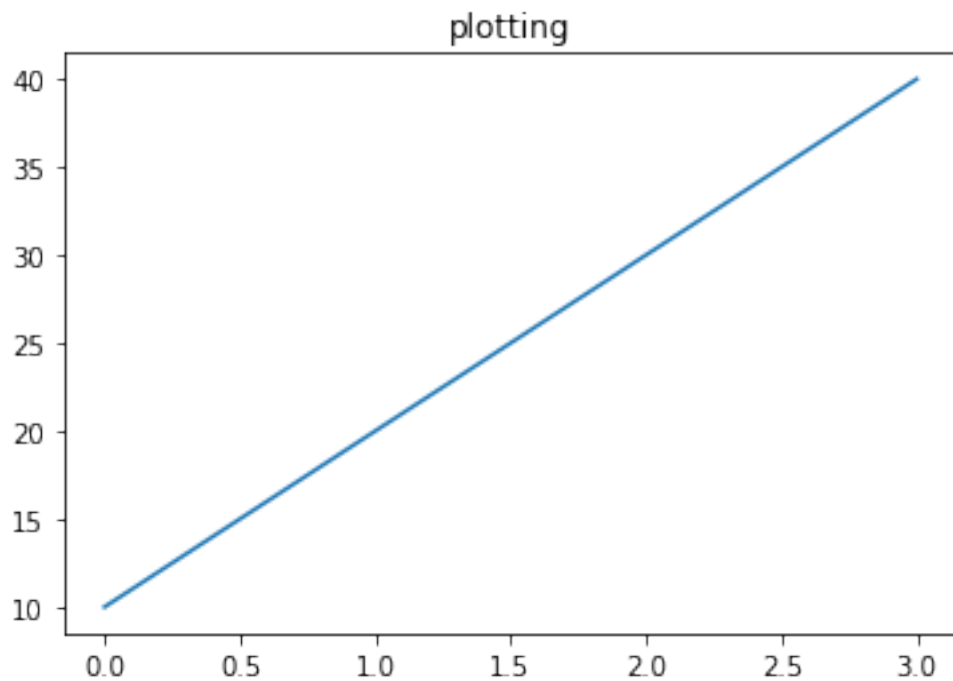
basic_plot

July 30, 2021

```
[1]: import matplotlib.pyplot as plt
```

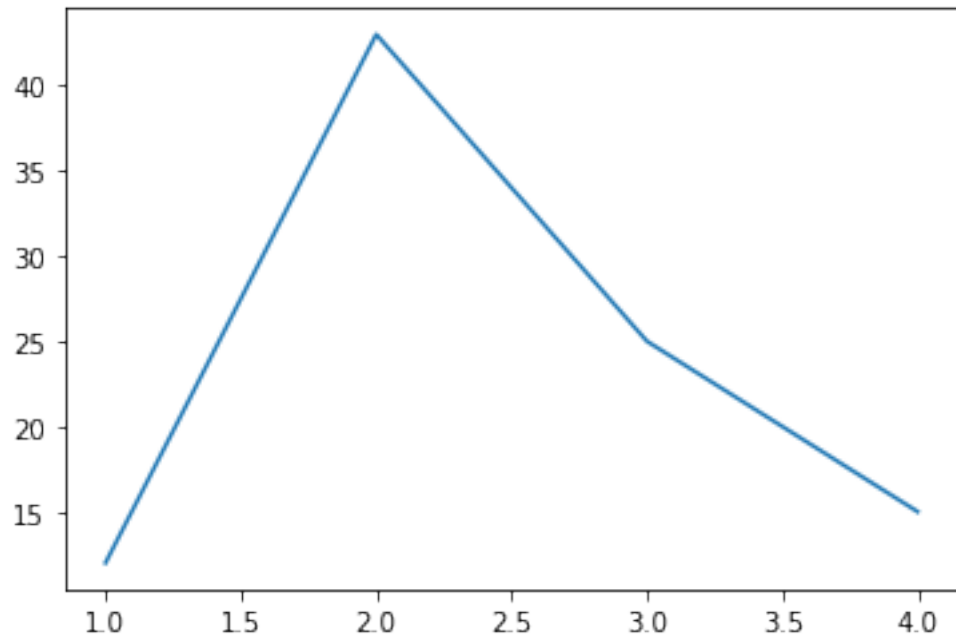
```
[2]: def plot_show():  
    plt.title("plotting")  
    plt.plot([10, 20, 30, 40])  
    plt.show()
```

```
[3]: plot_show()
```



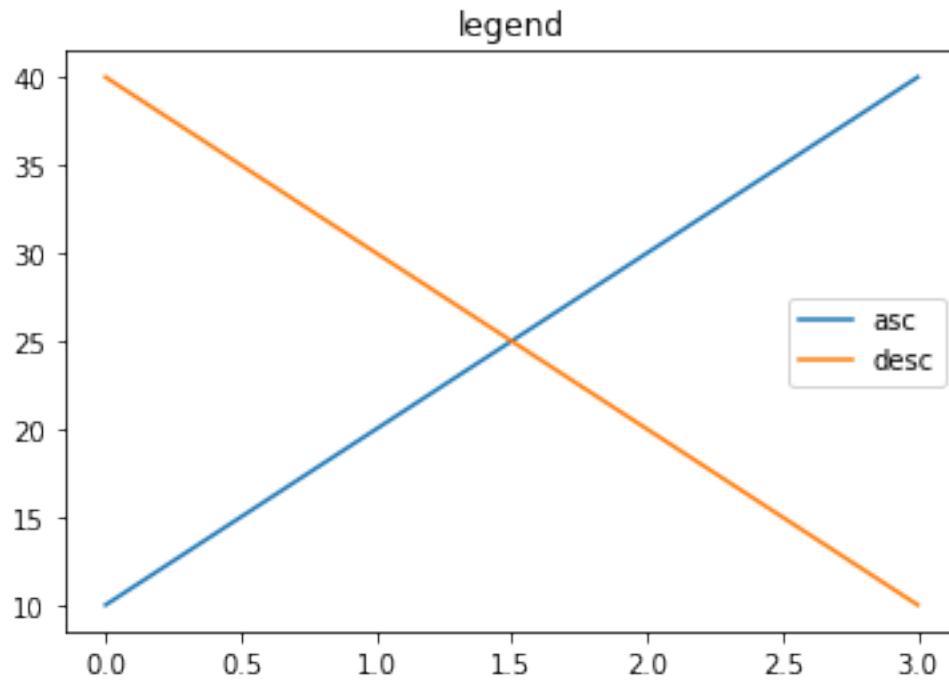
```
[4]: def plot_two_list_show():  
    plt.plot([1, 2, 3, 4], [12, 43, 25, 15])  
    plt.show()
```

```
[5]: plot_two_list_show()
```



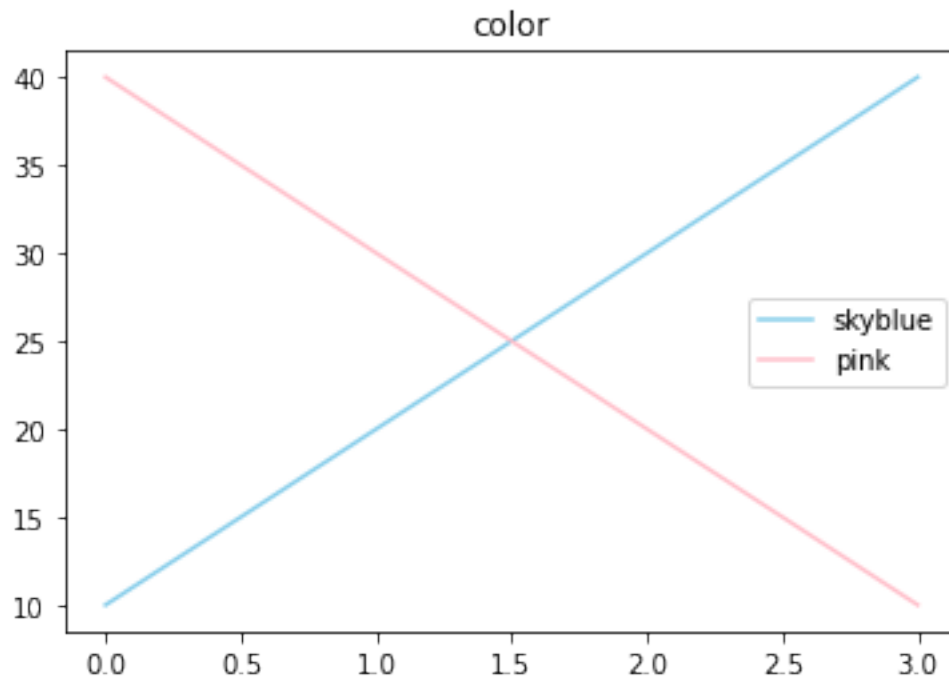
```
[6]: def plot_two_list_show2():  
      plt.title('legend')  
      plt.plot([10,20,30,40], label='asc')  
      plt.plot([40,30,20,10], label='desc')  
      plt.legend()  
      plt.show()
```

```
[7]: plot_two_list_show2()
```



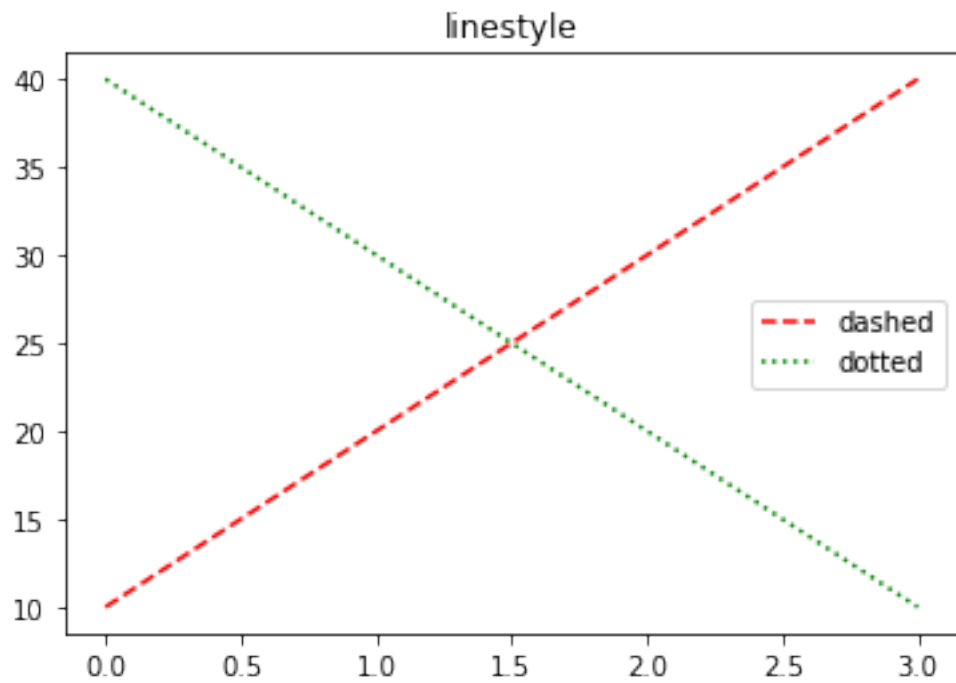
```
[8]: def plot_two_list_show3():  
      plt.title('color')  
      plt.plot([10,20,30,40], color='skyblue', label='skyblue')  
      plt.plot([40,30,20,10], 'pink', label='pink')  
      plt.legend()  
      plt.show()
```

```
[9]: plot_two_list_show3()
```



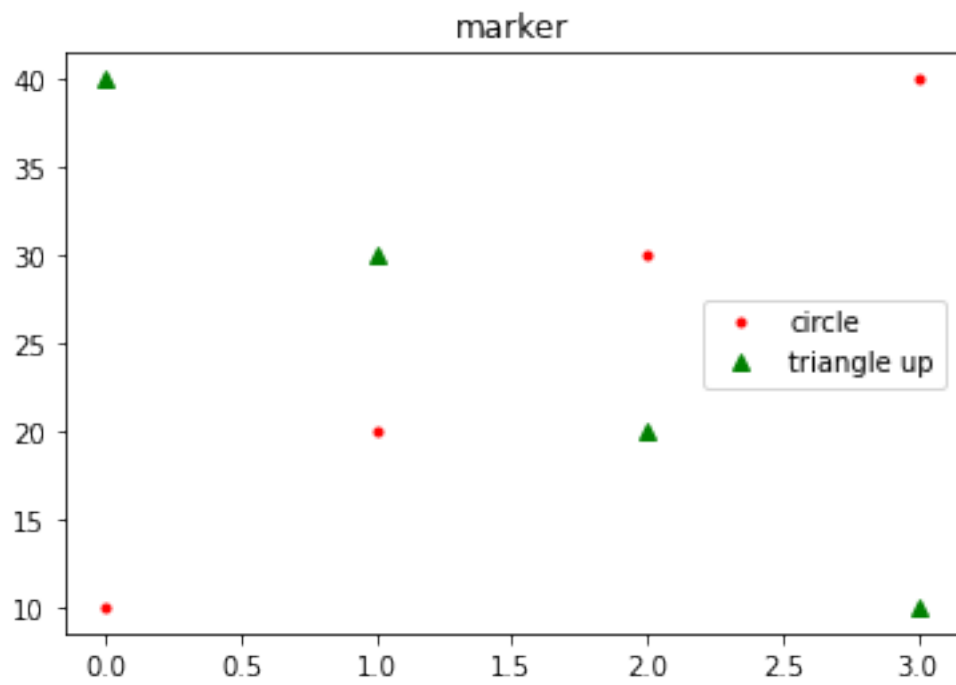
```
[10]: def plot_two_list_show4():  
    plt.title('linestyle')  
    plt.plot([10,20,30,40], color='r', linestyle='--', label='dashed')  
    plt.plot([40,30,20,10], color='g', ls=':', label='dotted')  
    plt.legend()  
    plt.show()
```

```
[11]: plot_two_list_show4()
```



```
[12]: def plot_marker_show():  
    plt.title('marker')  
    plt.plot([10,20,30,40], 'r.', label='circle')  
    plt.plot([40,30,20,10], 'g^', label='triangle up')  
    plt.legend()  
    plt.show()
```

```
[13]: plot_marker_show()
```



[]: