

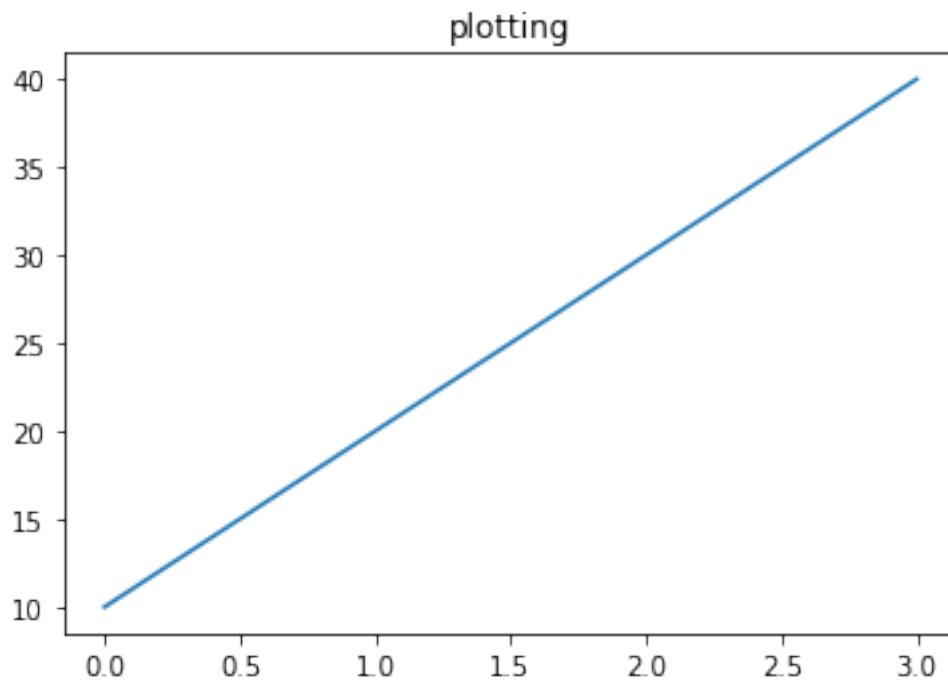
basic_plot

July 30, 2021

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

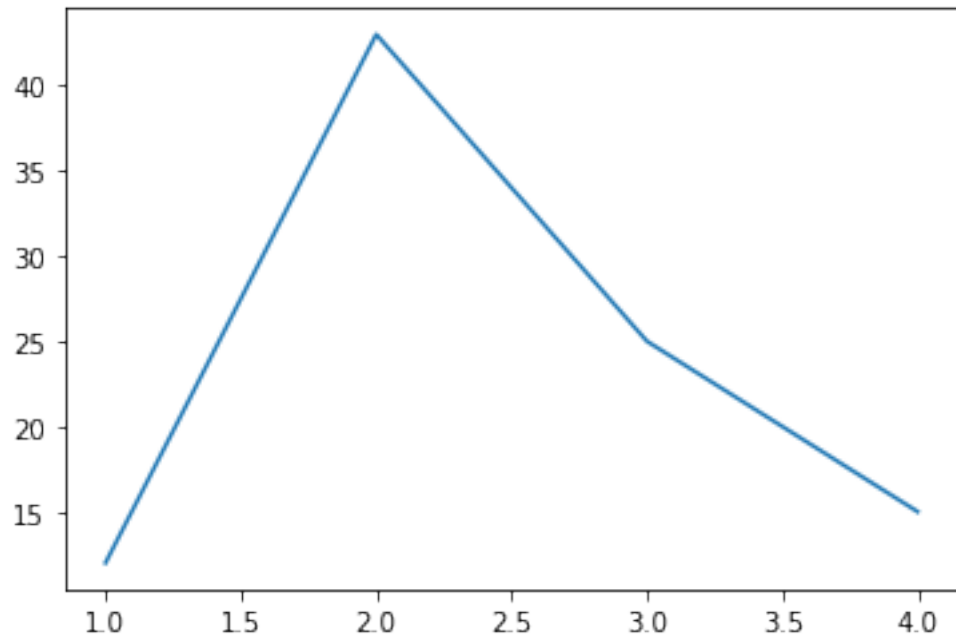
```
[2]: def plot_show():  
    plt.title('plotting')  
    plt.plot([10, 20, 30, 40])  
    plt.show()
```

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



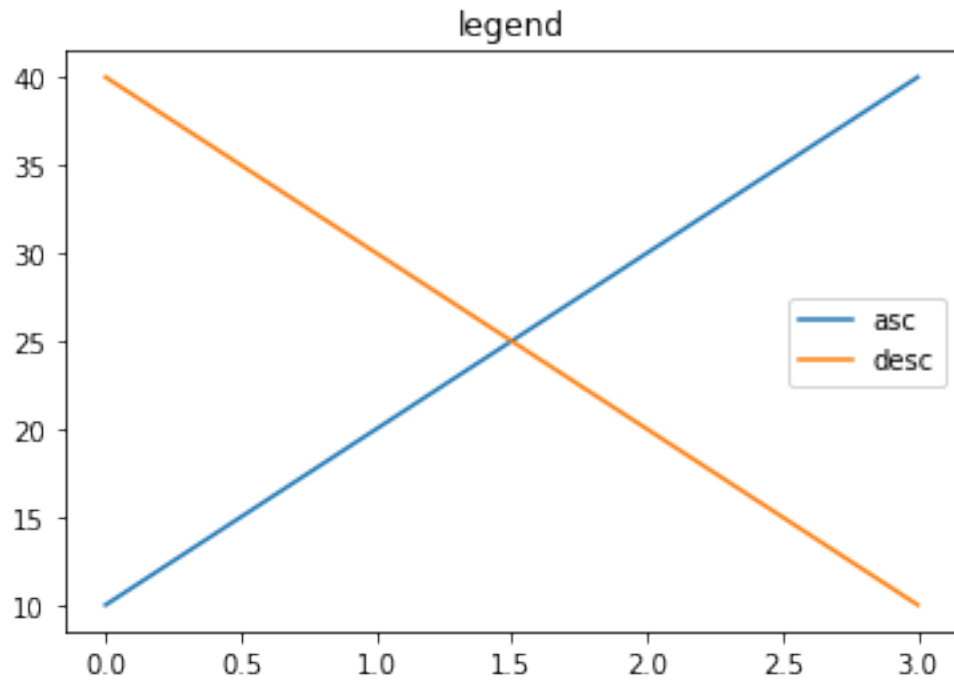
```
[4]: def plot_two_list_show():  
    plt.plot([1, 2, 3, 4], [12, 43, 25, 15])  
    plt.show()
```

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



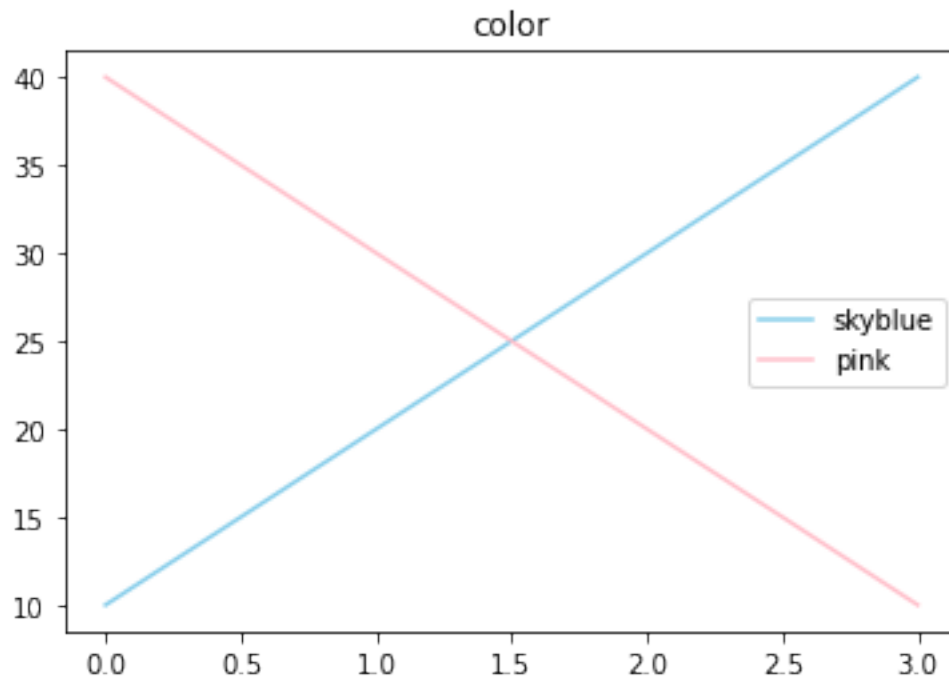
```
[6]: def plot_legend():  
      plt.title('legend')  
      plt.plot([10, 20, 30, 40], label='asc')  
      plt.plot([40, 30, 20, 10], label='desc')  
      plt.legend()  
      plt.show()
```

```
[7]: plot_legend()
```



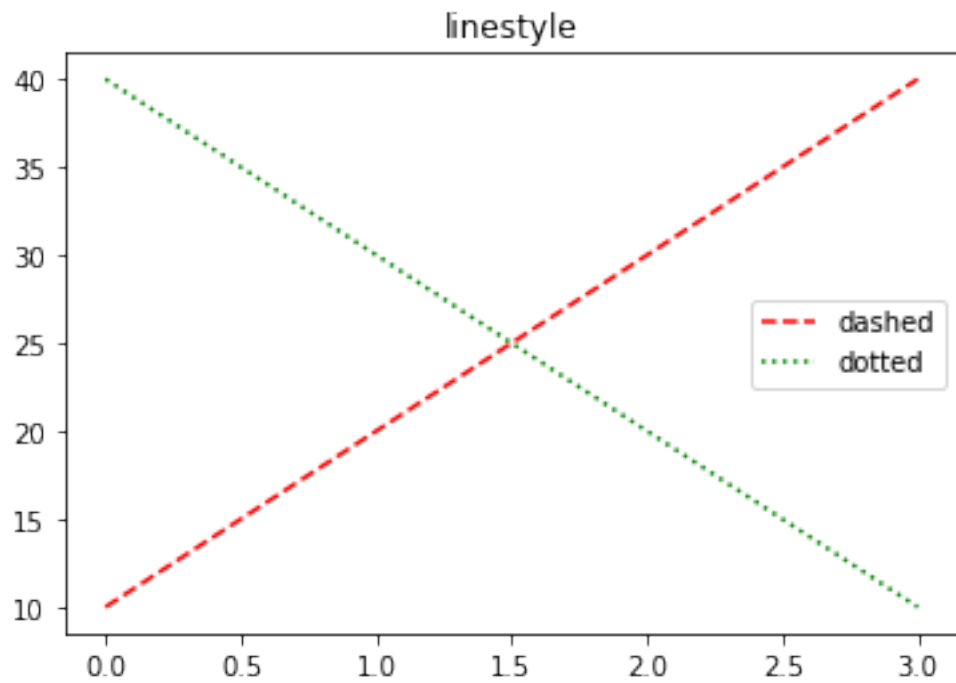
```
[8]: def plot_change_color():  
    plt.title('color')  
    plt.plot([10, 20, 30, 40], color='skyblue', label='skyblue')  
    plt.plot([40, 30, 20, 10], 'pink', label='pink')  
    plt.legend()  
    plt.show()
```

```
[9]: plot_change_color()
```



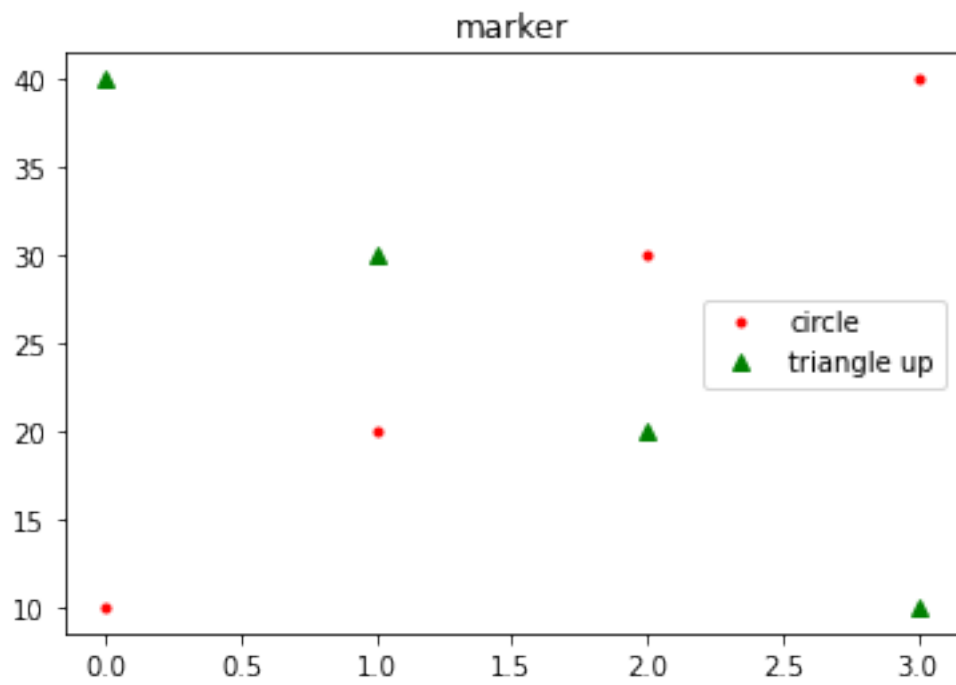
```
[10]: def plot_line_style():  
    plt.title('linestyle')  
    plt.plot([10, 20, 30, 40], color='r', linestyle='--', label='dashed')  
    plt.plot([40, 30, 20, 10], color='g', ls=':', label='dotted')  
    plt.legend()  
    plt.show()
```

```
[11]: plot_line_style()
```



```
[12]: def scatter():  
    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]: scatter()
```



[]: