

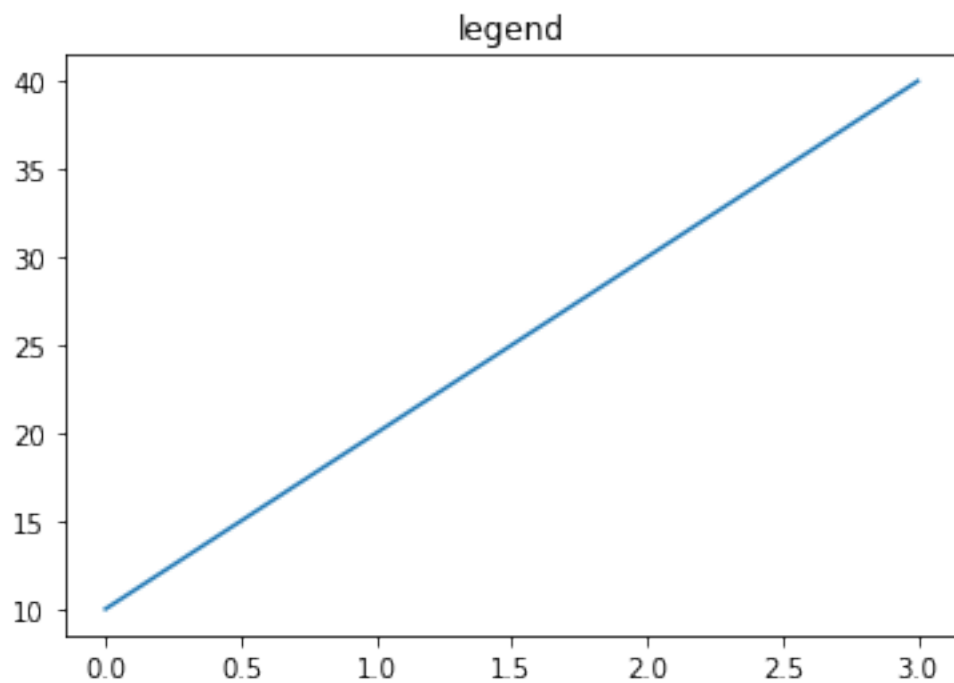
basic_plot

July 30, 2021

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

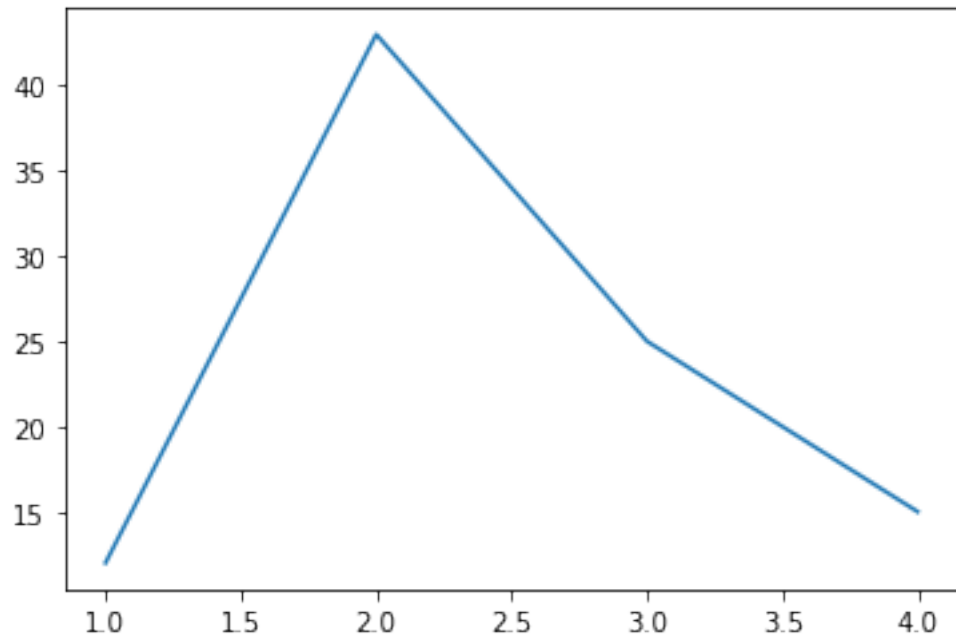
```
[2]: def plot_show():  
    plt.title("legend")  
    plt.plot([10, 20, 30, 40])  
    plt.show()
```

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



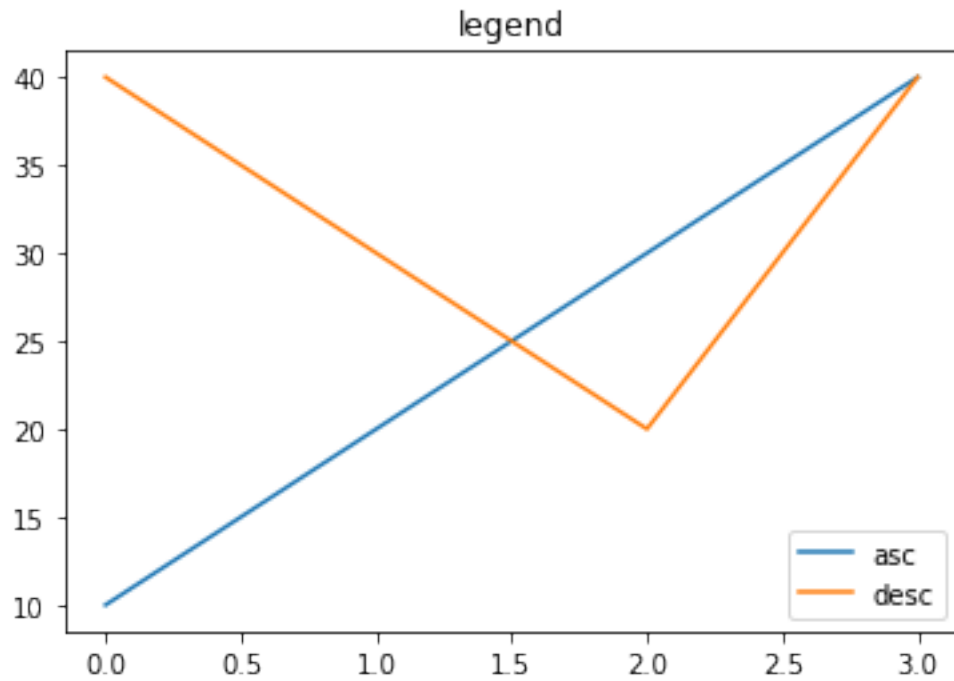
```
[4]: def plot_two_list_show():  
    plt.plot([1, 2, 3, 4], [12, 43, 25, 15])  
    plt.show()
```

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



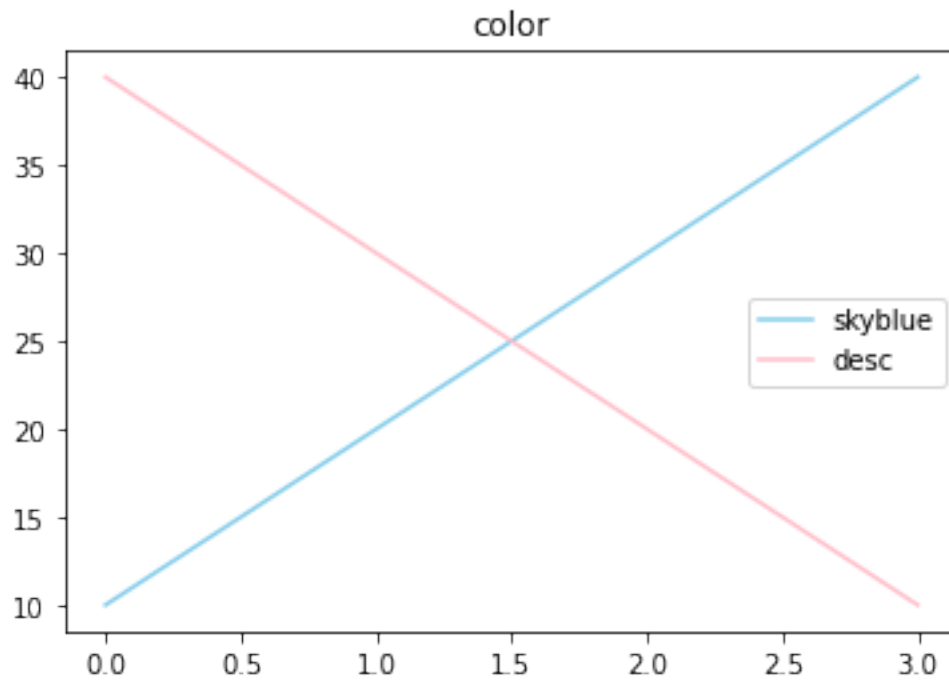
```
[6]: def plot_legend():  
      plt.title("legend")  
      plt.plot([10, 20, 30, 40], label='asc')  
      plt.plot([40, 30, 20, 40], label='desc')  
      plt.legend()  
      plt.show()
```

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



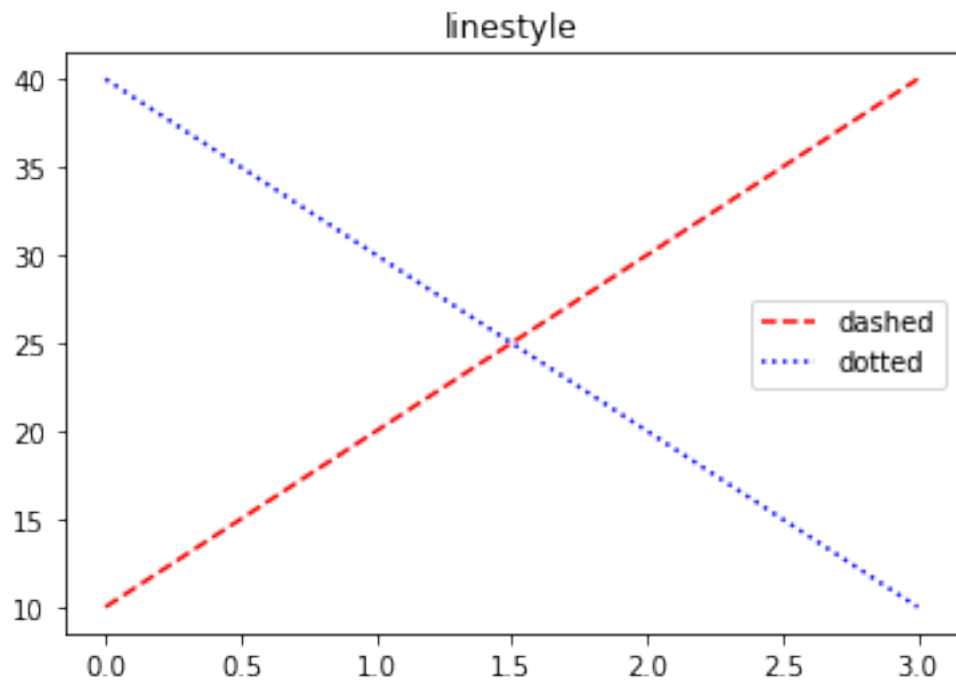
```
[8]: def plot_color():  
    plt.title("color")  
    plt.plot([10, 20, 30, 40], color='skyblue', label='skyblue')  
    plt.plot([40, 30, 20, 10], 'pink', label='desc')  
    plt.legend()  
    plt.show()
```

```
[9]: plot_color()
```



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

```
[11]: plot_linestyle()
```



```
[14]: def plot_scatter():  
    plt.title("marker")  
    plt.plot([10, 20, 30, 40], 'r.', label='circle')  
    plt.plot([40, 30, 20, 10], 'b^', label='triangle up')  
    plt.legend()  
    plt.show()
```

```
[15]: plot_scatter()
```

