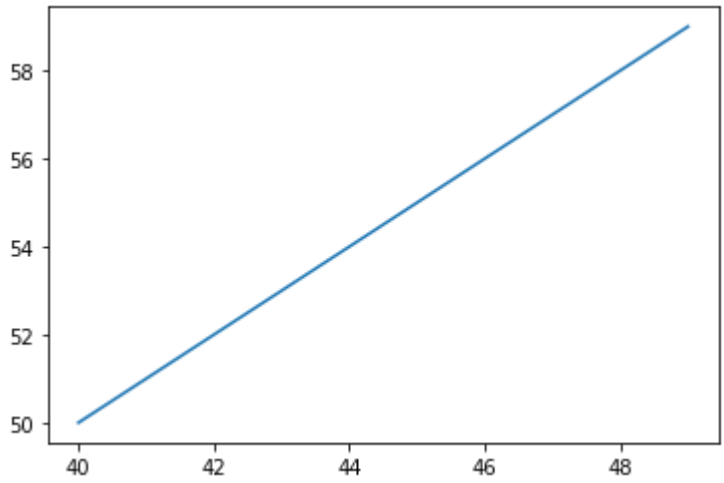
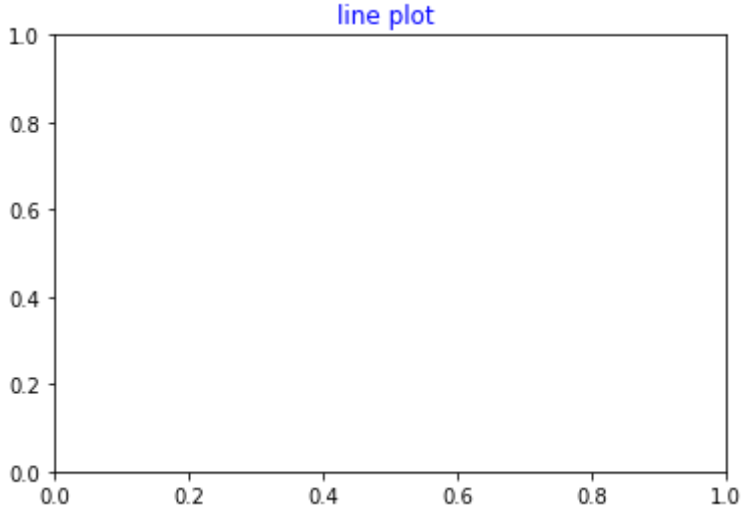
```
#Data Visualization Using Python Essentials | Day 1 | LetsUpgrade


#05/07/2021

#assignment 2

#matplotlib

#line plot

#question 3: line plot

import numpy as np

import pandas as pd

import matplotlib as mpl

import seaborn as sns

import matplotlib.pyplot as plt


#importing all libraries in python for data visulaization

%matplotlib inline

a= np.arange (40,50)


a

     array([40, 41, 42, 43, 44, 45, 46, 47, 48, 49])

b=np.arange(50,60)

b

     array([50, 51, 52, 53, 54, 55, 56, 57, 58, 59])

plt.plot(a,b)
```

```
[<matplotlib.lines.Line2D at 0x7ff09788e510>]
```



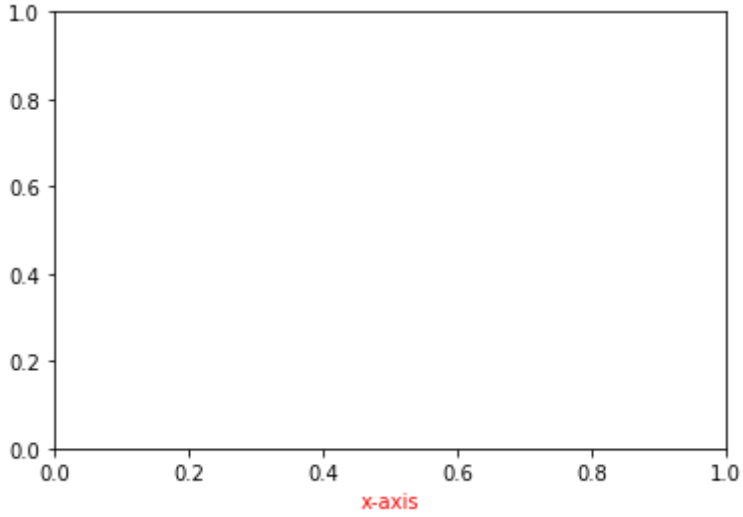

```
plt.title("line plot ", color="b")
```

```
Text(0.5, 1.0, 'line plot ')
```



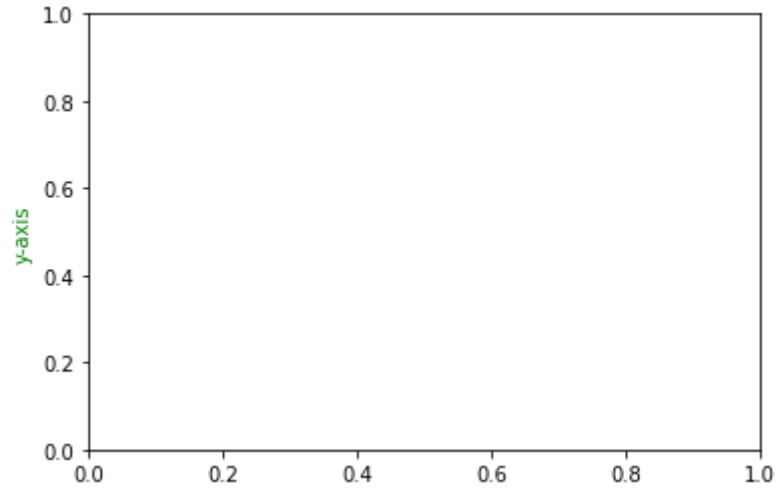

```
plt.xlabel("x-axis", color="r")
```

```
Text(0.5, 0, 'x-axis')
```




```
plt.ylabel("y-axis", color='g')
```

```
Text(0, 0.5, 'y-axis')
```




```
plt.show()
```

```
plt.title("line plot ", color="b")
plt.xlabel("x-axis", color="r")
plt.ylabel("y-axis", color='g')
plt.plot(a,b)
```

```
[<matplotlib.lines.Line2D at 0x7ff096ebb790>]
```