

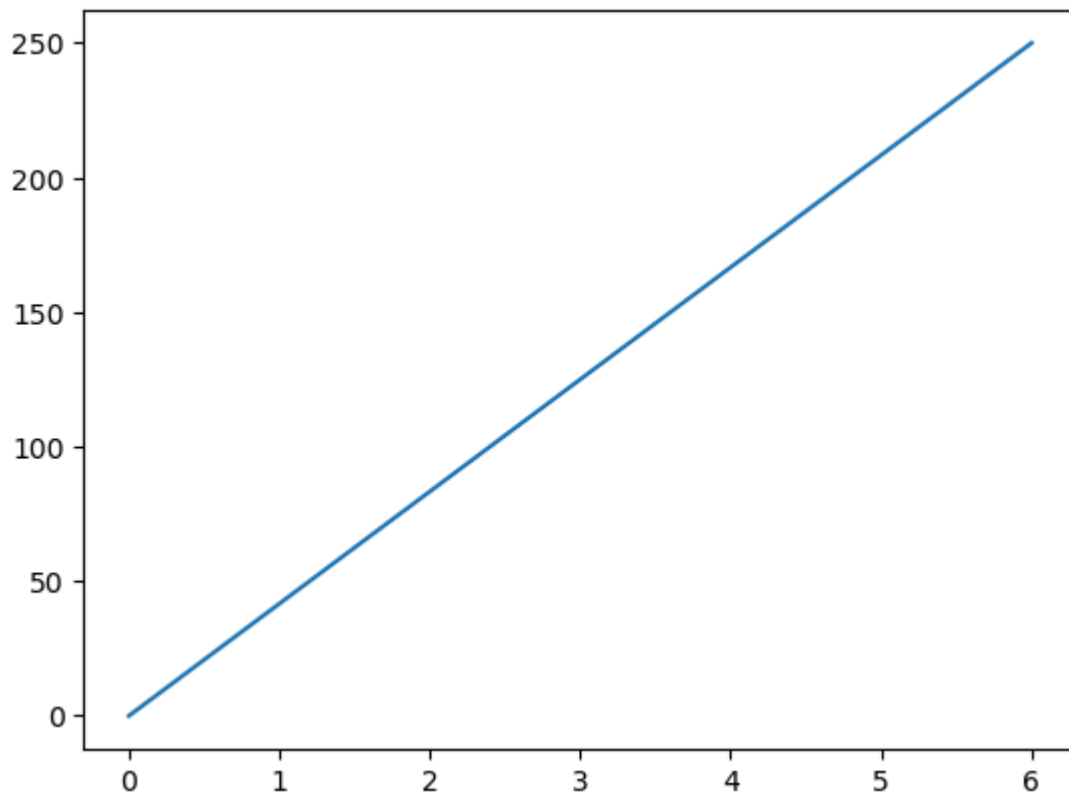
```
In [1]: import matplotlib.pyplot as plt
import numpy as np
x_points=np.array([0,6])
y_points=np.array([0,250])
print(plt.plot(x_points,y_points))
print(plt.show())

x=np.array([0,5])
y=np.array([0,25])
print(plt.plot(x,y,marker='p'))
print(plt.show())

x_points=np.array([1,2,6,8])
y_points=np.array([3,8,1,10])
print(plt.plot(x_points,y_points))
print(plt.show())

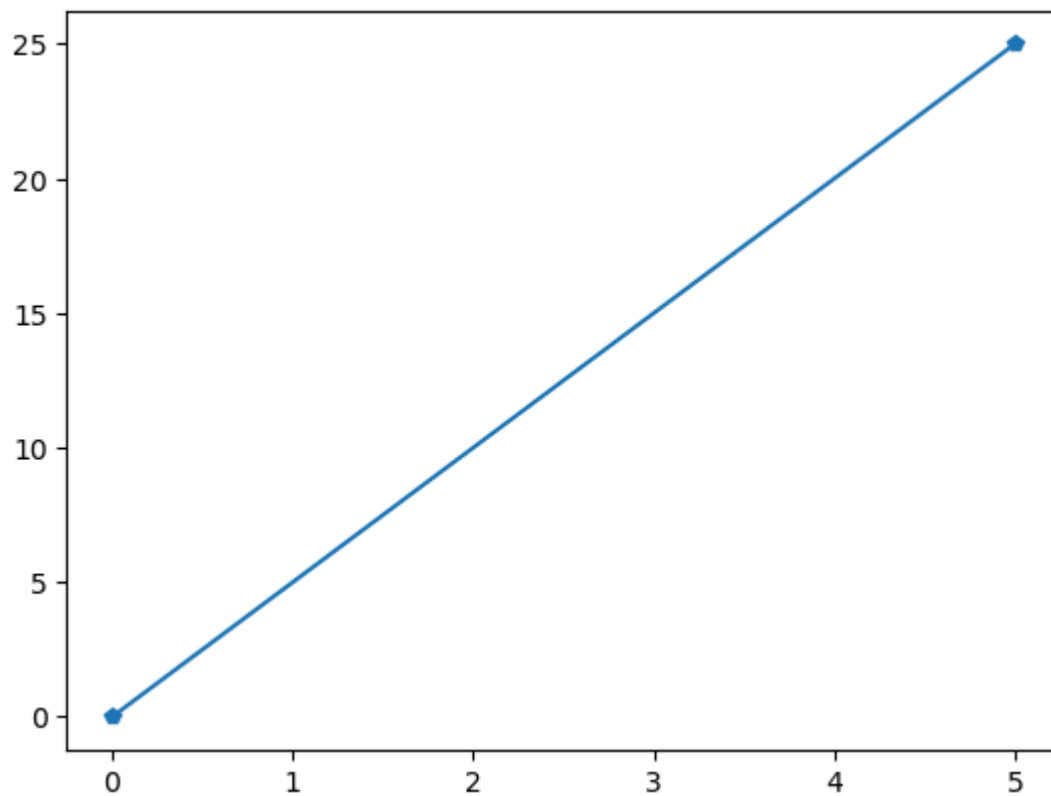
y_points=np.array([3,8,1,10,5,7])
print(plt.plot(y_points))
print(plt.show())
```

[<matplotlib.lines.Line2D object at 0x000002112F6B5BB0>]



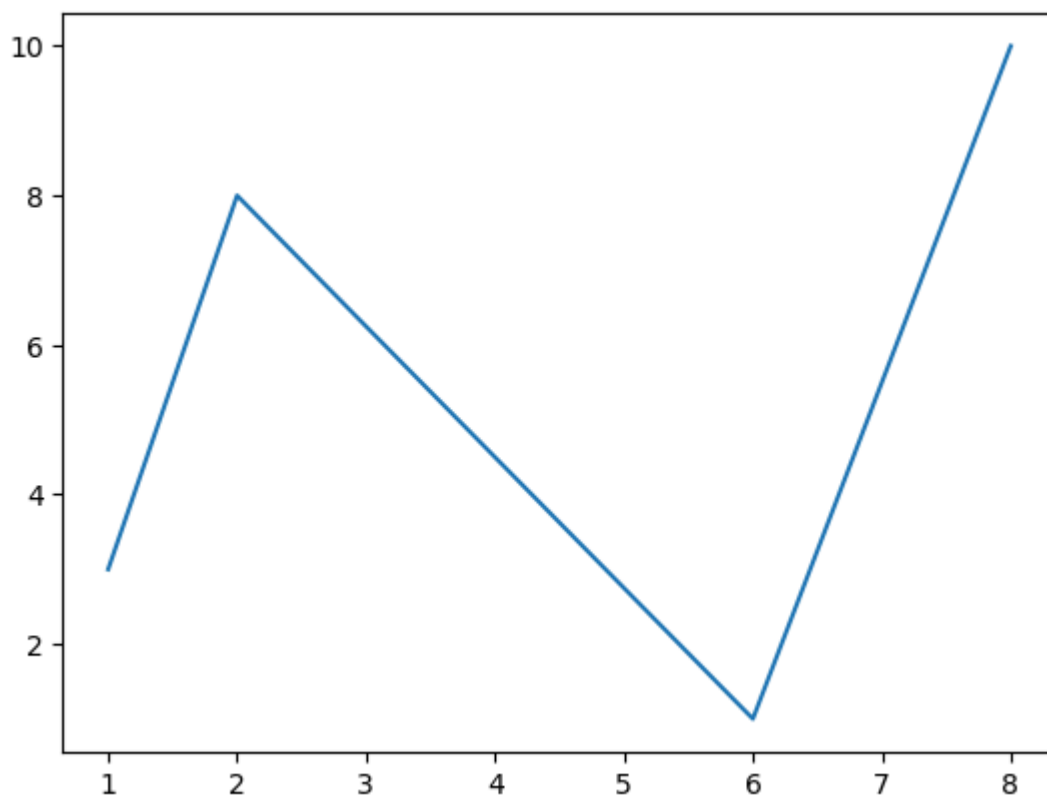
None

[<matplotlib.lines.Line2D object at 0x0000021131905520>]



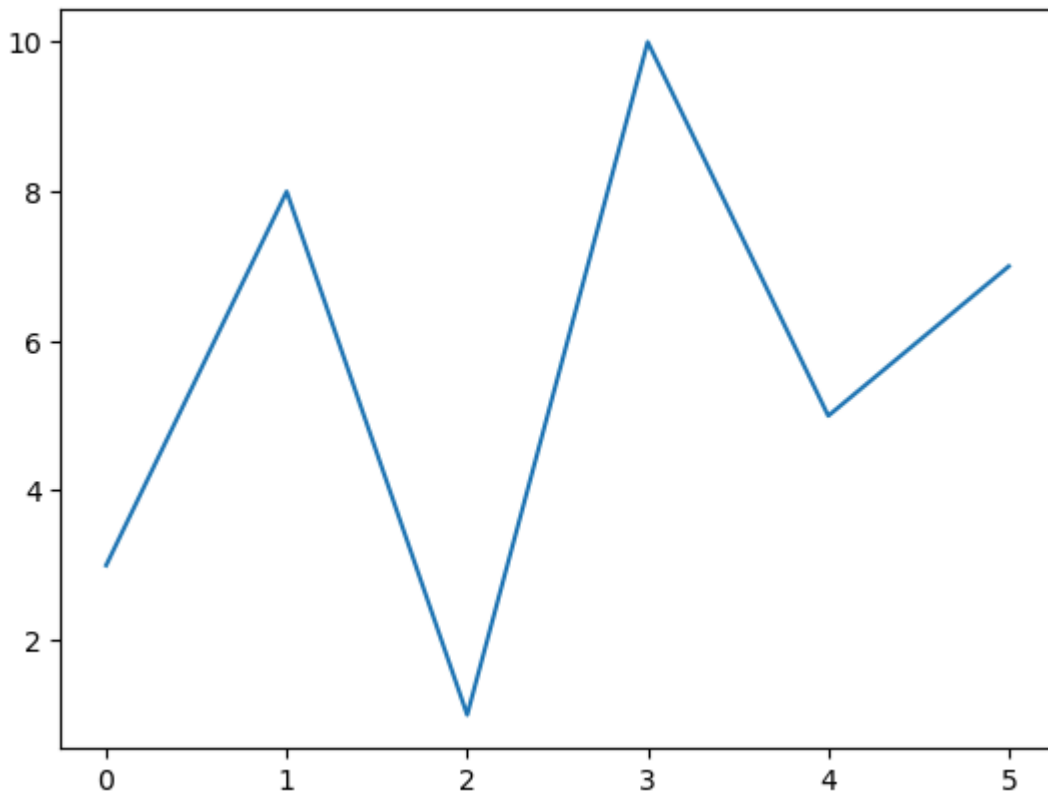
None

[<matplotlib.lines.Line2D object at 0x0000021131728F40>]



None

[<matplotlib.lines.Line2D object at 0x000002113174F940>]



None

```
In [2]: import matplotlib.pyplot as plt
import numpy as np
ypoints=np.array([3,8,1,10,5,7])
print(plt.plot(ypoints,linestyle='dashed'))
plt.title('Sample graph')
plt.xlabel('X axis')
plt.ylabel('Y axis')
print(plt.show())

ypoints=np.array([3,8,1,10,5,7])
print(plt.plot(ypoints,marker='o'))

print(plt.plot(xpoints,ypoints,linewidth='20',color='r'))
print(plt.show())

y1=np.array([3,8,1,10])
y2=np.array([6,2,7,11])
print(plt.plot(y1))
print(plt.plot(y2))
plt.grid()
print(plt.show())

x=np.array([0,1,2,3])
y=np.array([3,8,1,10])
plt.subplot(1,2,1)
plt.plot(x,y)
plt.show()

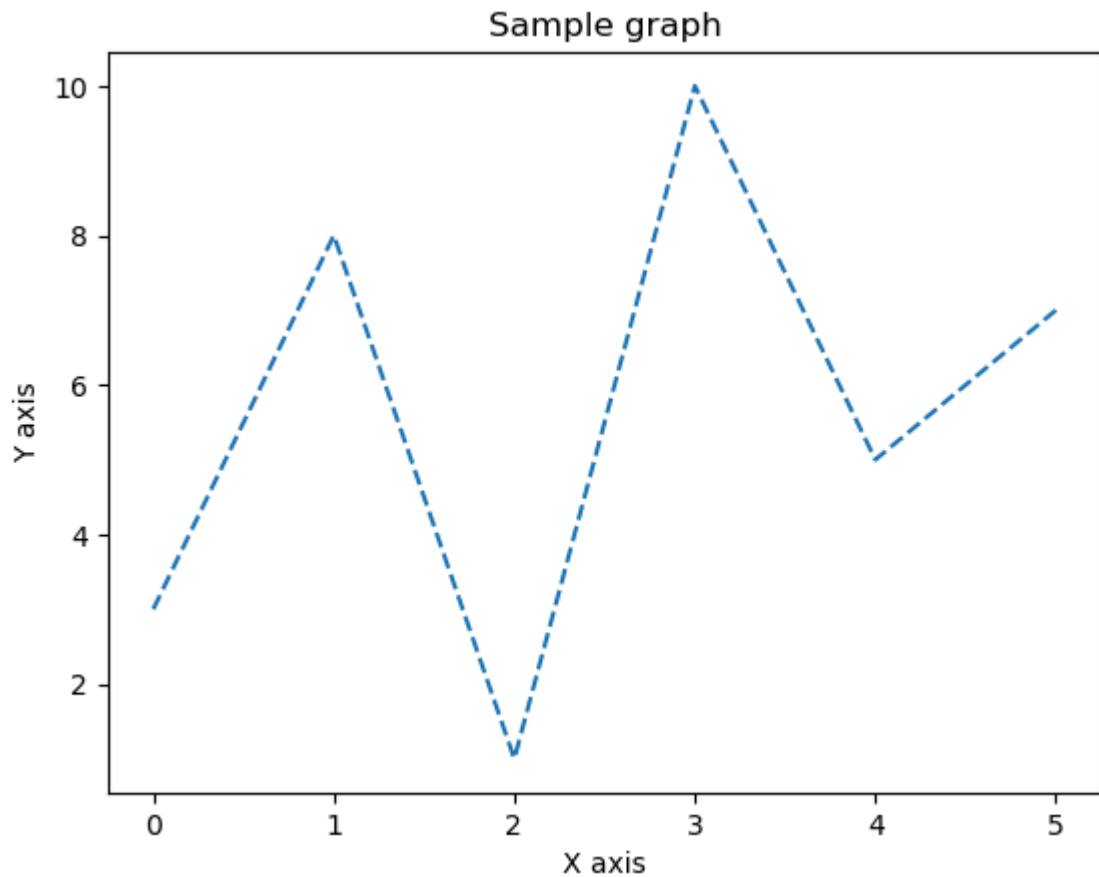
x=np.array([0,1,2,3])
y=np.array([10,20,30,40])
plt.subplot(1,2,2)
plt.plot(x,y)
plt.show()

x=np.array([1,2,6,8])
y=np.array([3,8,1,10])
```

```
plt.scatter(x,y)
plt.show()

x=np.array([1,2,6,8])
y=np.array([3,8,1,10])
plt.scatter(x,y)
a=np.array([5,7,9])
b=np.array([2,5,8])
plt.scatter(a,b)
plt.show()
```

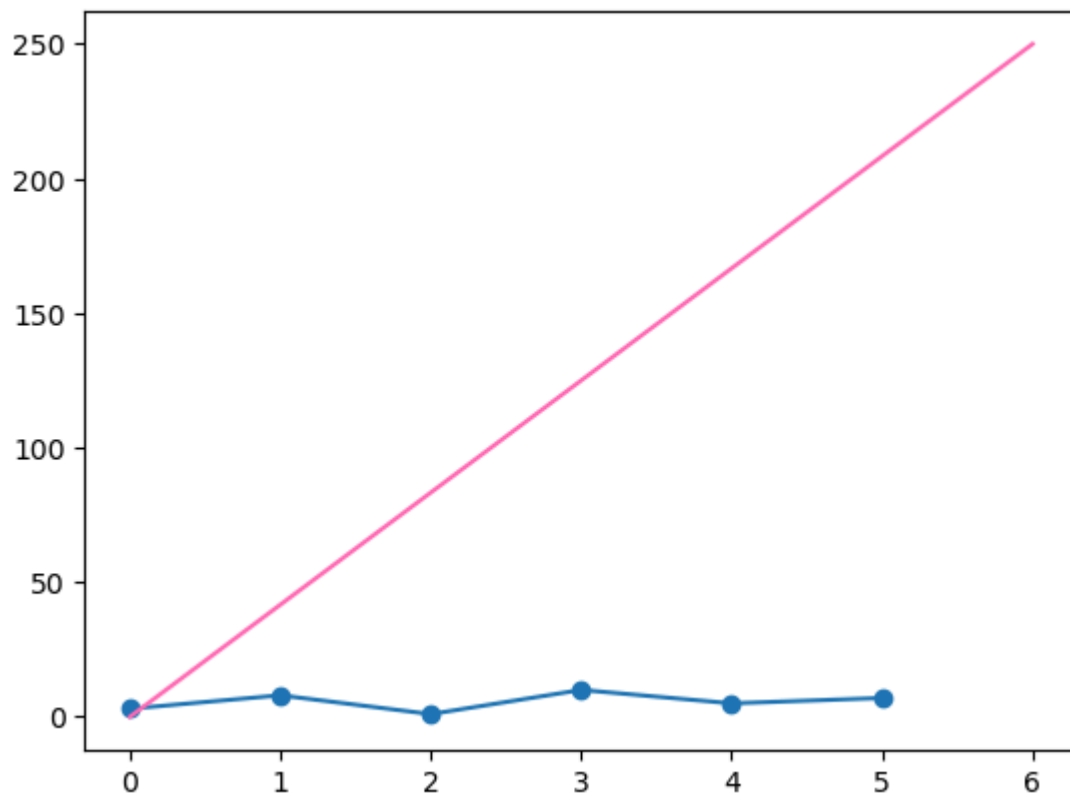
[<matplotlib.lines.Line2D object at 0x0000021131933820>]



None

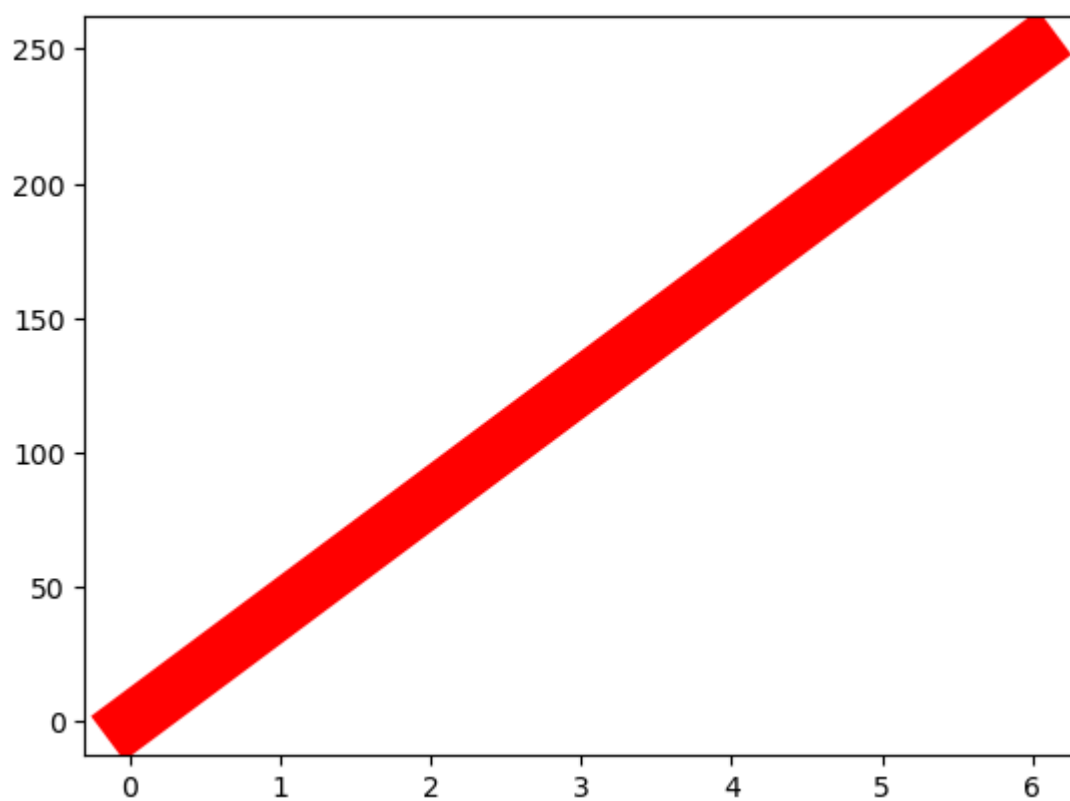
[<matplotlib.lines.Line2D object at 0x000002113178A8E0>]

[<matplotlib.lines.Line2D object at 0x000002113178AC10>]



None

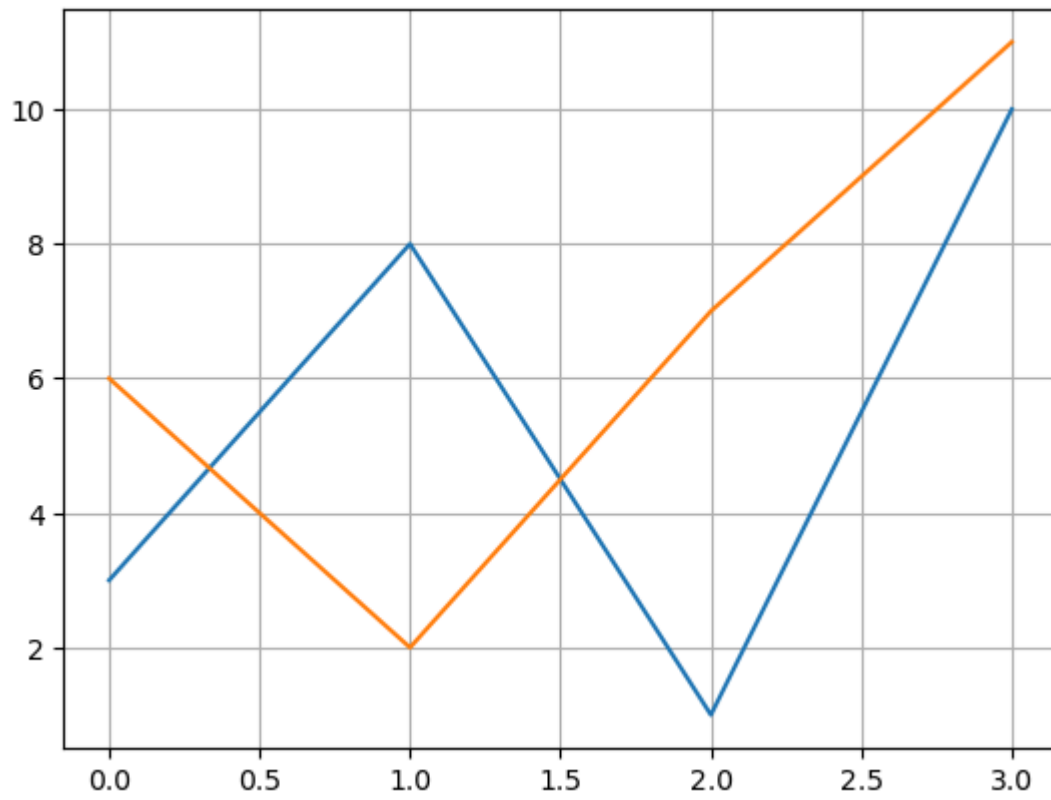
[<matplotlib.lines.Line2D object at 0x00000211317B0340>]



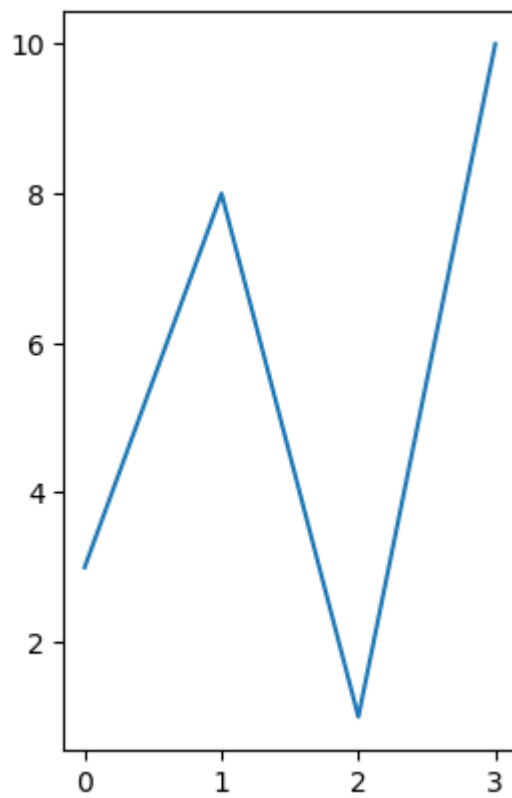
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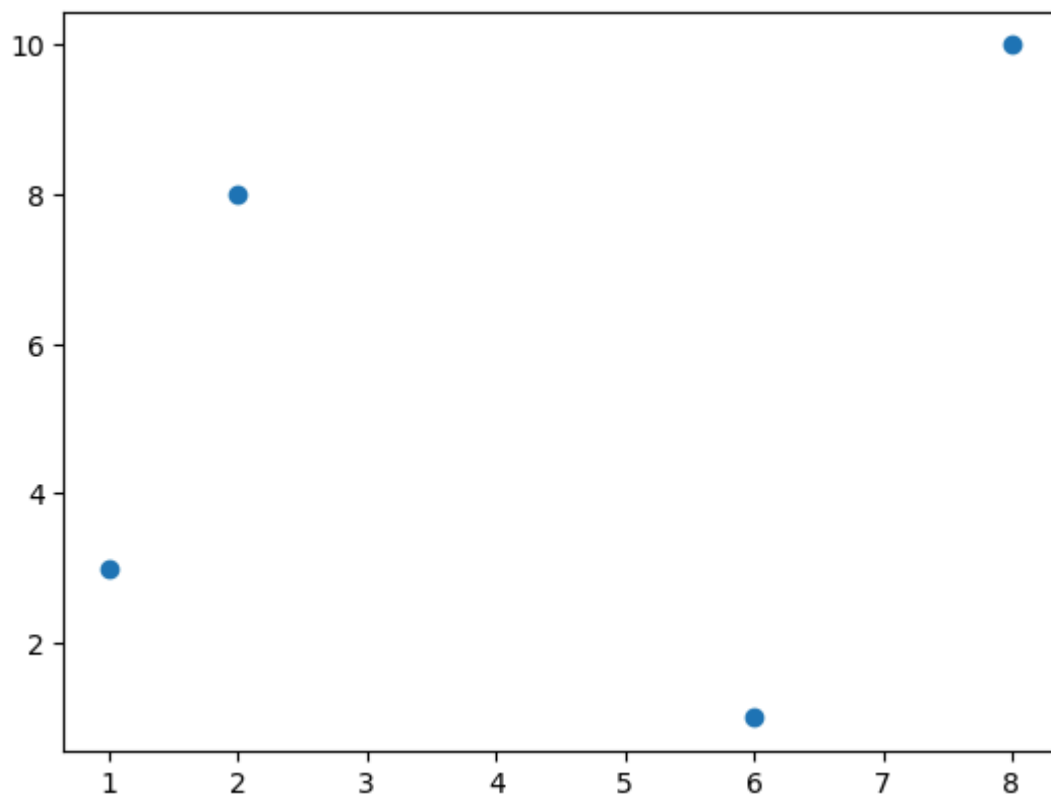
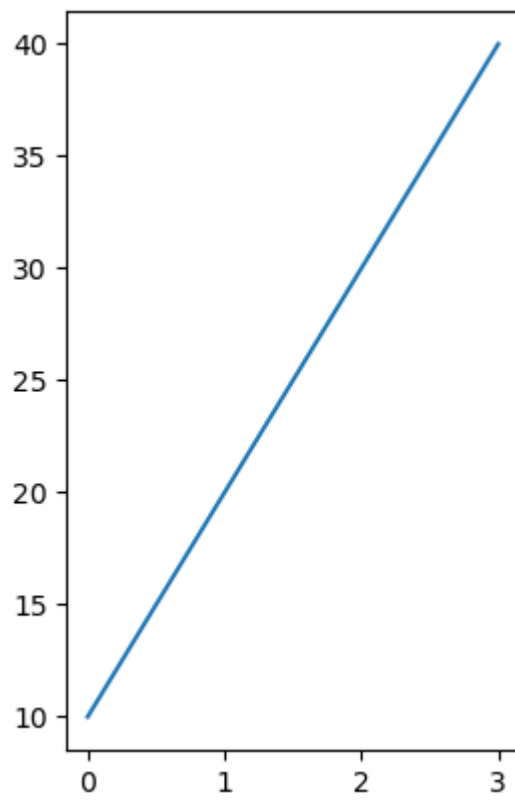
[<matplotlib.lines.Line2D object at 0x000002113180D940>]

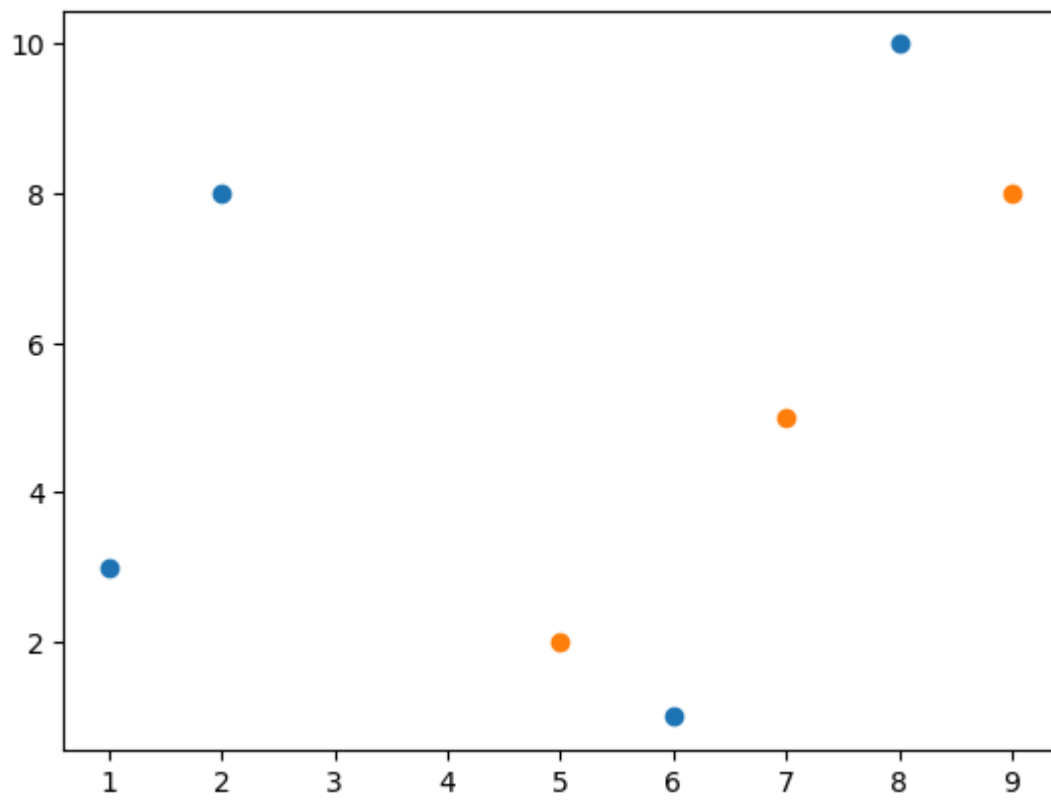
[<matplotlib.lines.Line2D object at 0x000002113180DC70>]



None







In []:

In []: