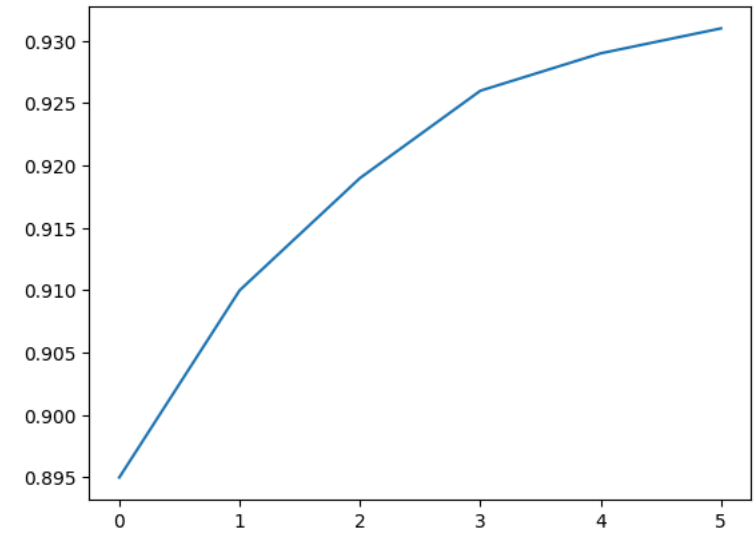
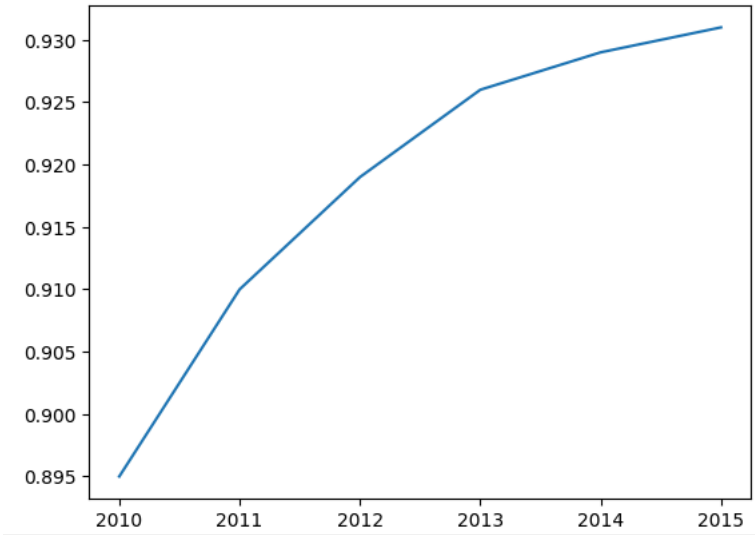
```
import matplotlib.pyplot as plt

yield_Apples=[0.895,0.91,0.919,0.926,0.929,0.931]

plt.plot(yield_Apples)
```

```
[<matplotlib.lines.Line2D at 0x7b8fee1e5f60>]
```

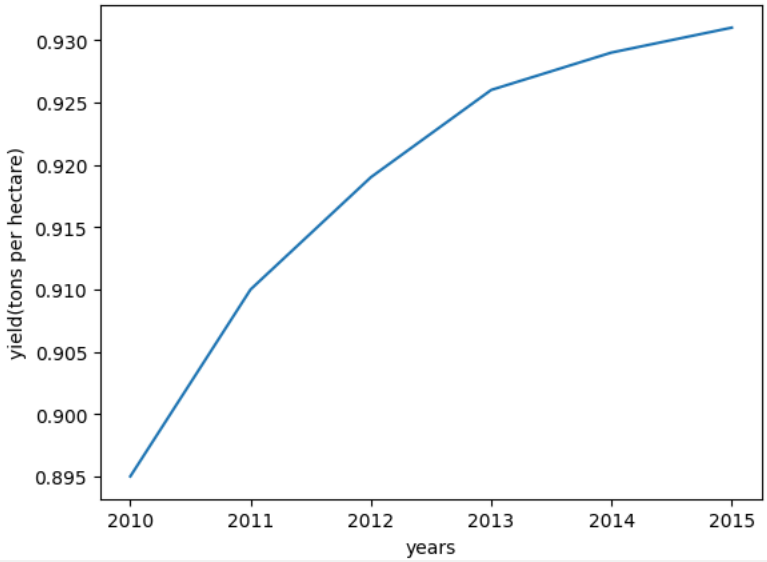



```
years=[2010,2011,2012,2013,2014,2015]
yield_Apples=[0.895,0.91,0.919,0.926,0.929,0.931]
plt.plot(years,yield_Apples)
```

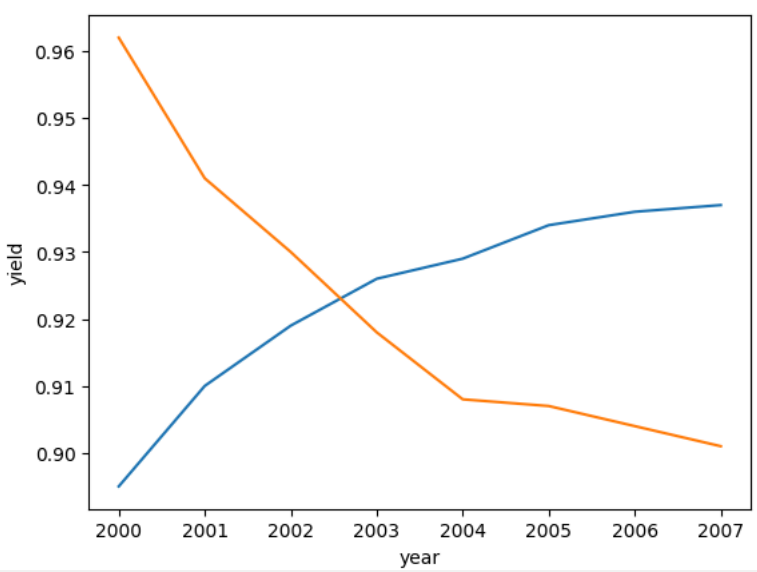
```
[<matplotlib.lines.Line2D at 0x7b8fee254040>]
```



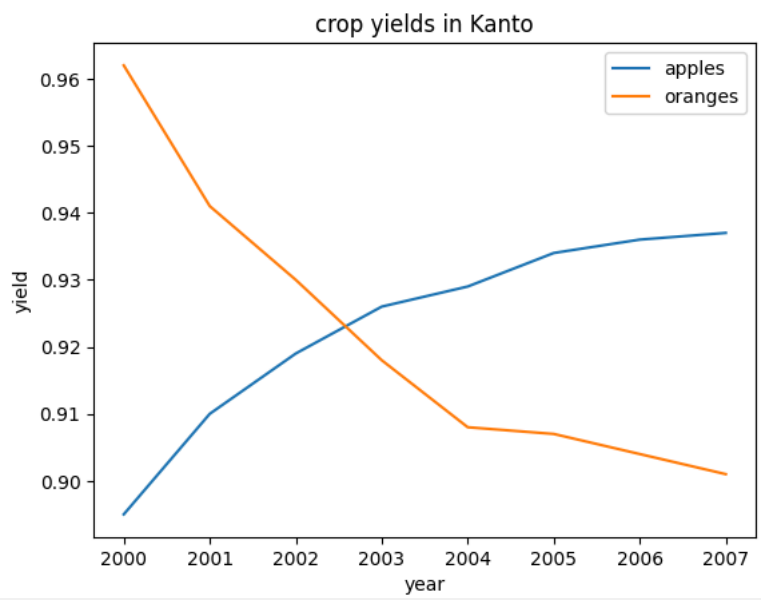

```
plt.plot(years,yield_Apples)
plt.xlabel('years')
plt.ylabel('yield(tons per hectare)');
```



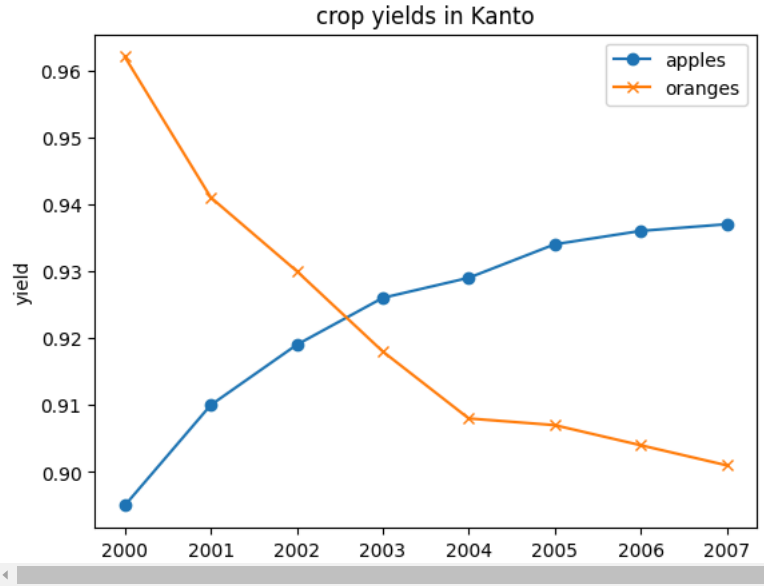

```
year=range(2000,2008)
apples=[0.895,0.91,0.919,0.926,0.929,0.934,0.936,0.937]
oranges=[0.962,0.941,0.930,0.918,0.908,0.907,0.904,0.901]


plt.plot(year,apples)
plt.plot(year,oranges)
plt.xlabel('year')
plt.ylabel('yield');
```




```
year=range(2000,2008)
apples=[0.895,0.91,0.919,0.926,0.929,0.934,0.936,0.937]
oranges=[0.962,0.941,0.930,0.918,0.908,0.907,0.904,0.901]
plt.plot(year,apples)
plt.plot(year,oranges)
plt.xlabel('year')
plt.ylabel('yield')
plt.title('crop yields in Kanto')
plt.legend(['apples','oranges']);
```

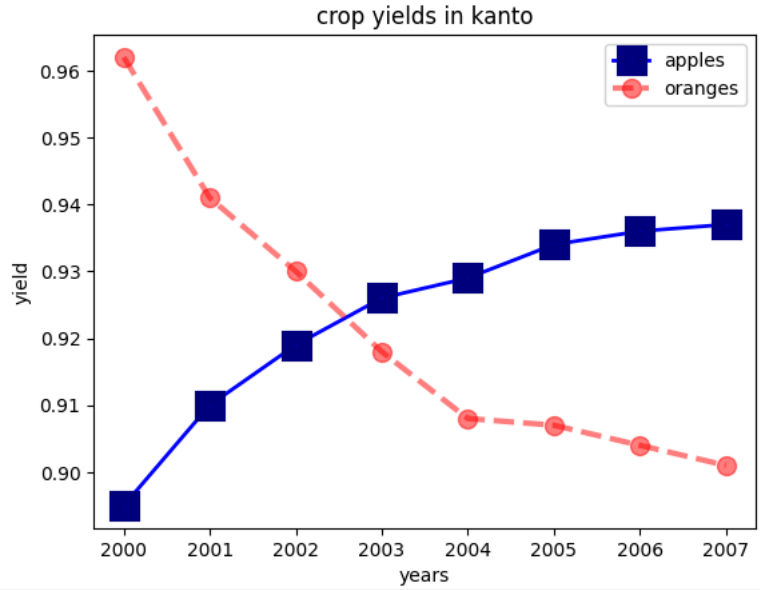



```
plt.plot(year,apples,marker='o')
plt.plot(year,oranges,marker='x')
plt.ylabel('yield')
plt.title('crop yields in Kanto')
plt.legend(['apples','oranges']);
```



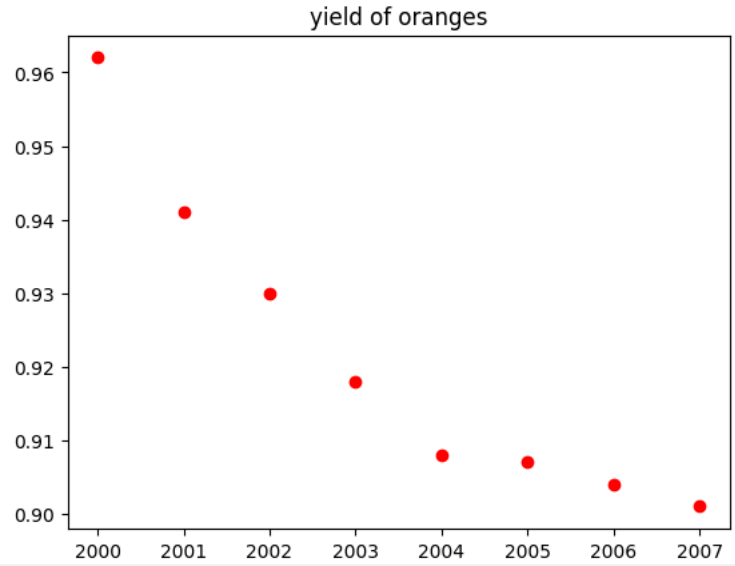

```
plt.plot(year,apples,marker='s',c='b',ls='-',lw=2,ms=8,mew=8,mec='navy')
plt.plot(year,oranges,marker='o',c='r',ls='--',lw=3,ms=10,alpha=0.5)
plt.xlabel('years')
plt.ylabel('yield')
plt.title('crop yields in kanto')
plt.legend(['apples','oranges'])
```

```
<matplotlib.legend.Legend at 0x7b8fee0b23b0>
```



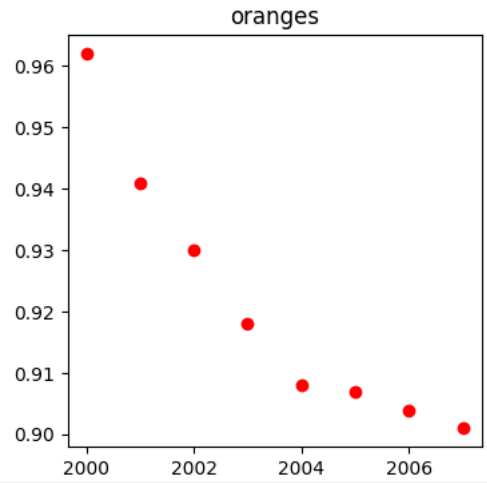

```
plt.plot(year,oranges,'or')
plt.title('yield of oranges')
```

```
Text(0.5, 1.0, 'yield of oranges')
```



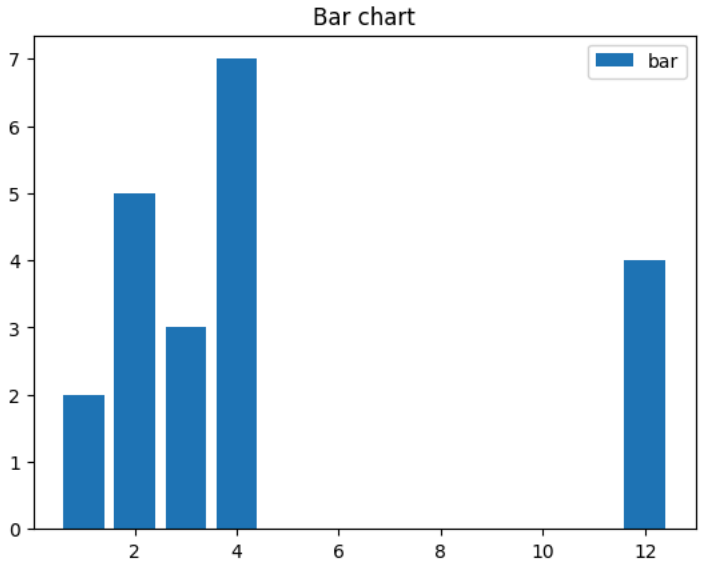

```
plt.figure(figsize=(4,4))
plt.plot(year,oranges,'or')
plt.title('oranges')
```

```
Text(0.5, 1.0, 'oranges')
```




```
x=[3,1,3,12,2,4,4]
```

```
y=[3,2,1,4,5,6,7]
plt.bar(x,y)
plt.title("Bar chart")
plt.legend(["bar"])
plt.show()
```




```
x=[3,1,3,12,2,4,4]
y=[3,2,1,4,5,6,7]
plt.scatter(x,y)
plt.legend("A")
plt.xlabel("x")
plt.ylabel("y")
plt.title("Scatter plot")
plt.show()
```