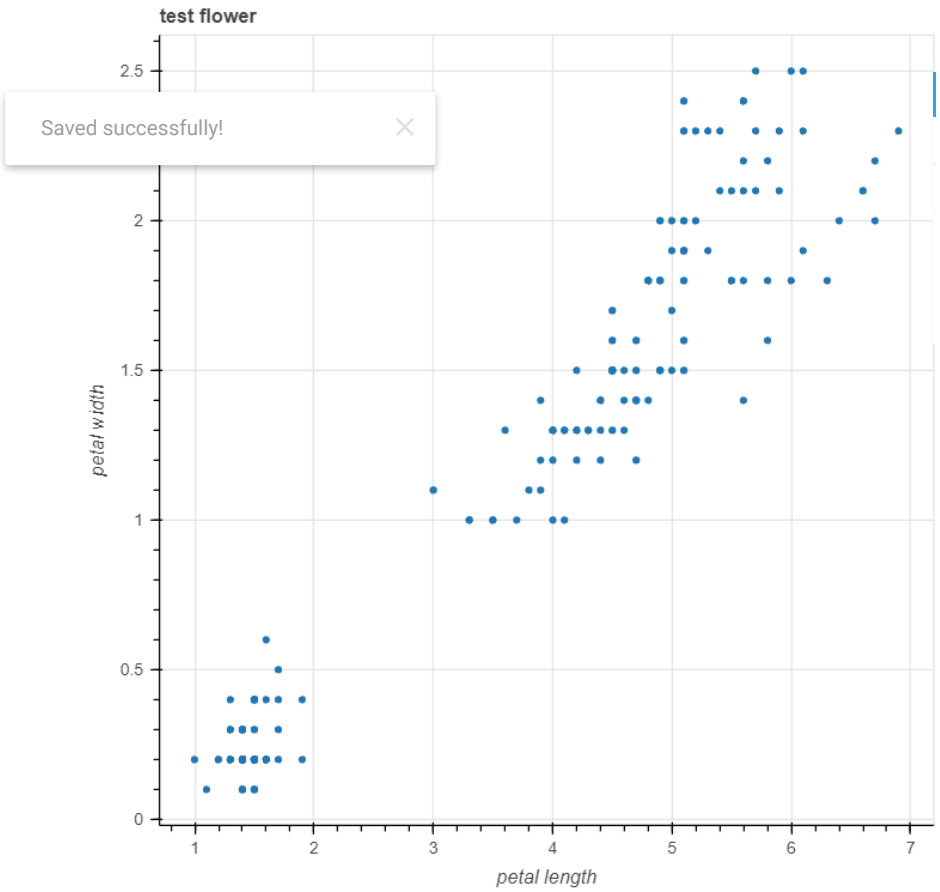
```
pip install bokeh
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Requirement already satisfied: bokeh in /usr/local/lib/python3.10/dist-packages (2.4.3)
Requirement already satisfied: Jinja2>=2.9 in /usr/local/lib/python3.10/dist-packages (from bokeh) (3.1.2)
Requirement already satisfied: numpy>=1.11.3 in /usr/local/lib/python3.10/dist-packages (from bokeh) (1.22.4)
Requirement already satisfied: packaging>=16.8 in /usr/local/lib/python3.10/dist-packages (from bokeh) (23.1)
Requirement already satisfied: pillow>=7.1.0 in /usr/local/lib/python3.10/dist-packages (from bokeh) (8.4.0)
Requirement already satisfied: PyYAML>=3.10 in /usr/local/lib/python3.10/dist-packages (from bokeh) (6.0)
Requirement already satisfied: tornado>=5.1 in /usr/local/lib/python3.10/dist-packages (from bokeh) (6.3.1)
Requirement already satisfied: typing-extensions>=3.10.0 in /usr/local/lib/python3.10/dist-packages (from bokeh) (4.
Requirement already satisfied: MarkupSafe>=2.0 in /usr/local/lib/python3.10/dist-packages (from Jinja2>=2.9->bokeh)
```

```
import bokeh.io
import bokeh.plotting
bokeh.io.output_notebook()
```

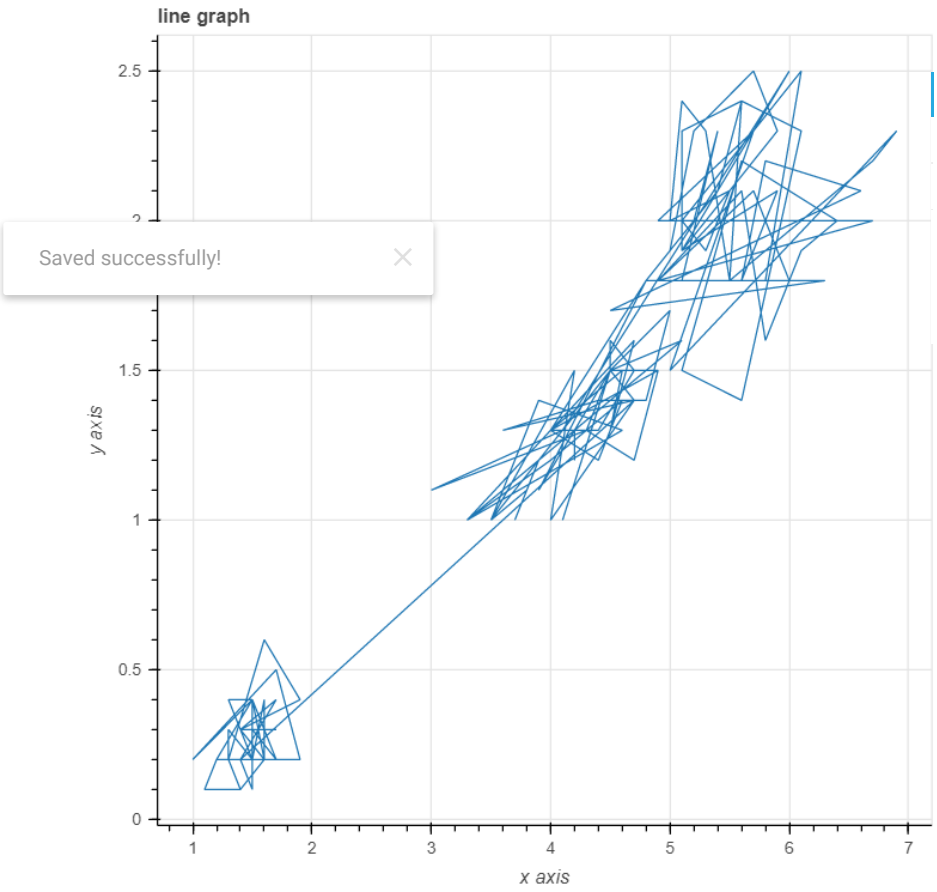
```
from bokeh.plotting import figure , output_file  , show
from bokeh.sampledata.iris import flowers

output_file('test.html')

p = figure(title = 'test flower')
p.xaxis.axis_label = 'petal length'
p.yaxis.axis_label = 'petal width'
p.circle(flowers['petal_length'], flowers['petal_width'])
show(p)
```



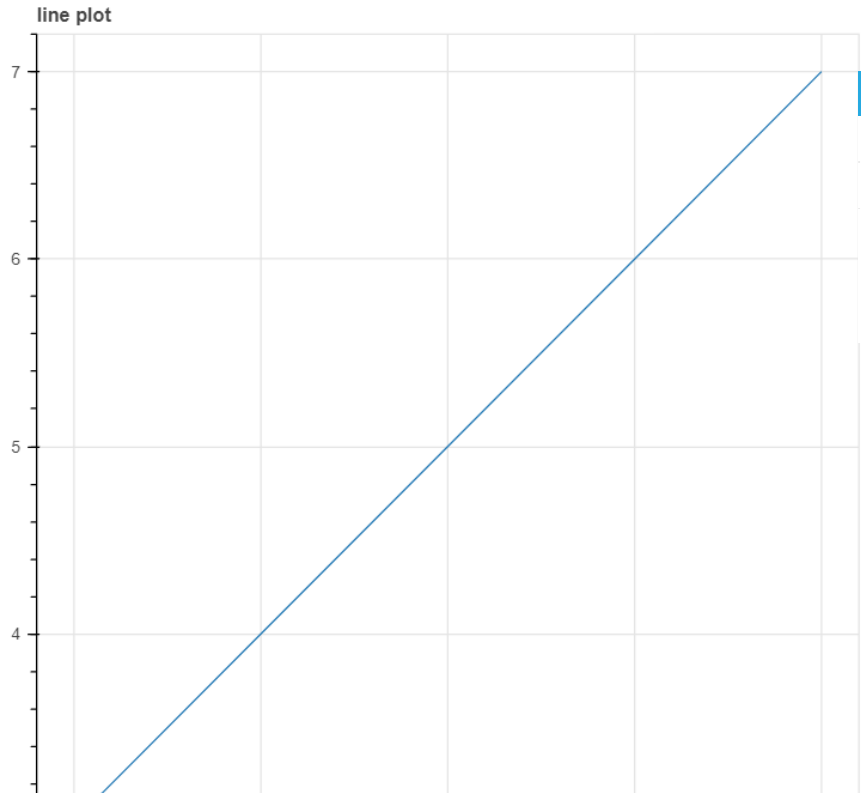

```
flowers
```

	sepal_length	sepal_width	petal_length	petal_width	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3.0	1.4	0.2	setosa
2	4.7	3.2	1.3	0.2	setosa
3	4.6	3.1	1.5	0.2	setosa
4	5.0	3.6	1.4	0.2	setosa
...	...	...	...	...	...
145	6.7	3.0	5.2	2.3	virginica
146	6.3	2.5	5.0	1.9	virginica

```
from bokeh.plotting import figure , output_file  , show
from bokeh.sampledata.iris import flowers

output_file('line.html')

p = figure(title = 'line graph')
p.xaxis.axis_label = 'x axis'
p.yaxis.axis_label = 'y axis'
p.line(flowers['petal_length'], flowers['petal_width'])
show(p)
```

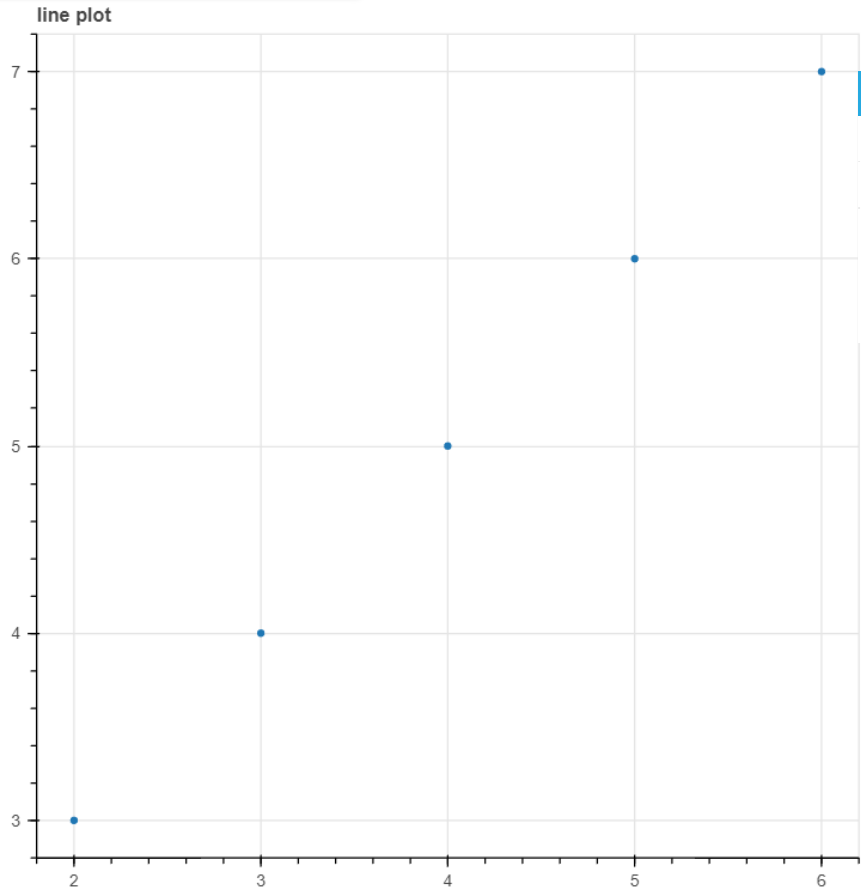



```
x = [2,3,4,5,6]
y = [3,4,5,6,7]

output_file("line.html")
p = figure(title = 'line plot')
p.line(x,y)
show(p)
```



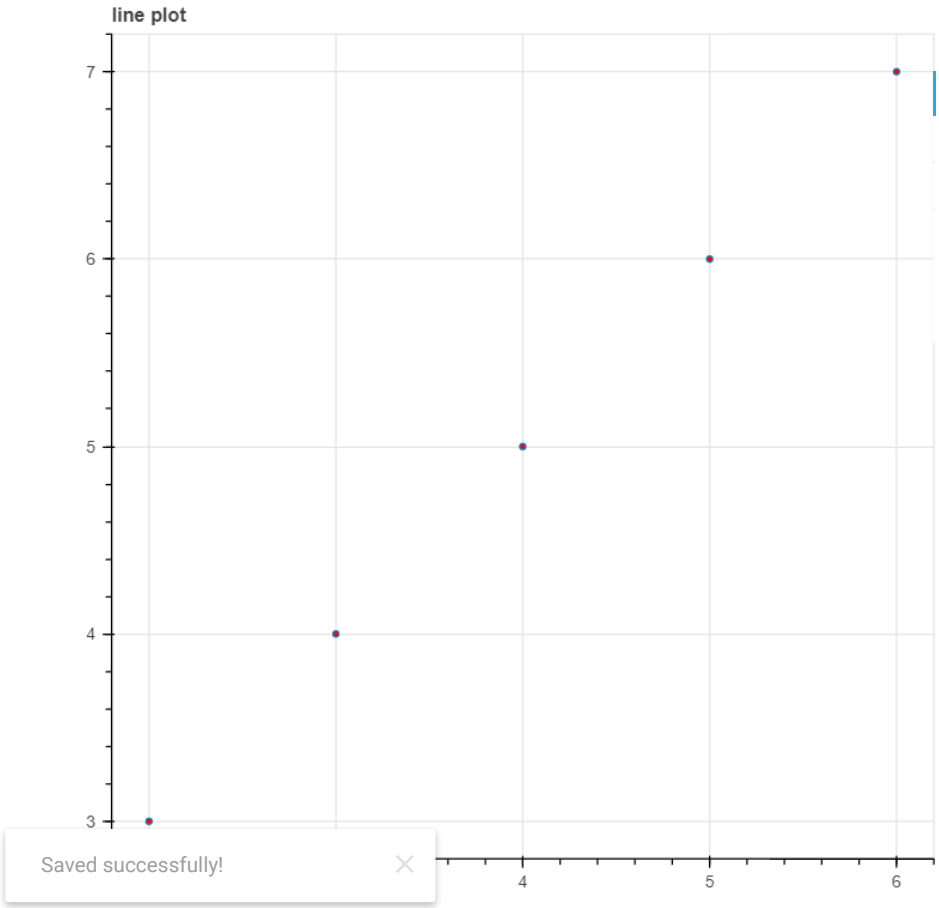

```
x = [2,3,4,5,6]
y = [3,4,5,6,7]

output_file("line.html")
p = figure(title = 'line plot')
```

Saved successfully!

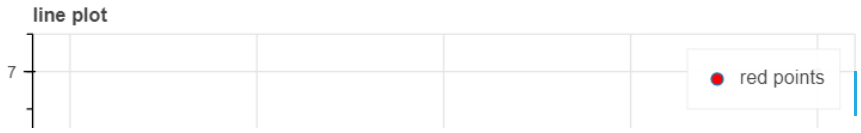



```
x = [2,3,4,5,6]
y = [3,4,5,6,7]
```

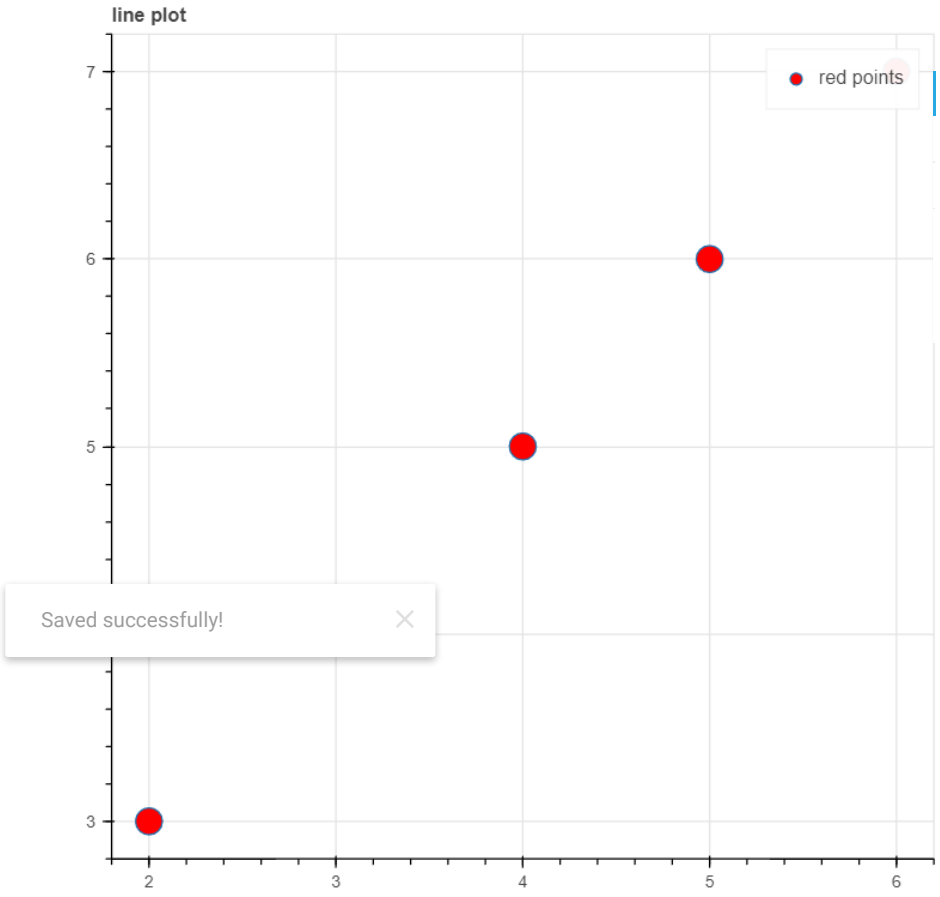
```
output_file("line.html")
p = figure(title = 'line plot')
p.scatter(x,y , fill_color ='red')
show(p)
```




```
x = [2,3,4,5,6]
y = [3,4,5,6,7]

output_file("line.html")
p = figure(title = 'line plot')
p.scatter(x,y , fill_color ='red', legend_label = 'red points')
show(p)
```




```
x = [2,3,4,5,6]
y = [3,4,5,6,7]

output_file("line.html")
p = figure(title = 'line plot')
p.scatter(x,y , fill_color ='red', legend_label = 'red points', size = 18)
show(p)
```



Colab paid products - Cancel contracts here

✓ 0s completed at 2:29 PM