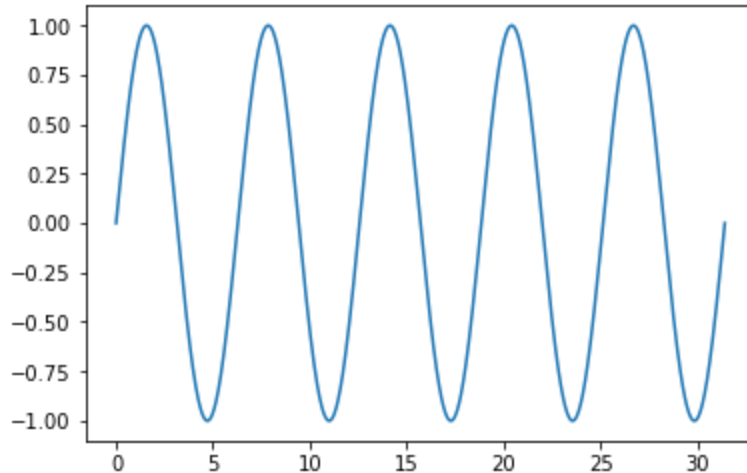


```
In [ ]: import numpy as np
import matplotlib.pyplot as plt
```

```
In [ ]: x = np.linspace(0, 10*np.pi, 1000)
y = np.sin(x)
```

```
In [ ]: plt.plot(x,y)
```

```
Out[ ]: [ <matplotlib.lines.Line2D at 0x7f4aa6de3208> ]
```



This is my title

Here is some regular text.

```
import numpy as np
```

```
In [ ]: import sklearn
print(sklearn.__version__)
import numpy
print(numpy.__version__)
import scipy
print(scipy.__version__)
import matplotlib
print(matplotlib.__version__)
import pandas
print(pandas.__version__)
import torch
print(torch.__version__)
import seaborn
print(seaborn.__version__)
import wordcloud
print(wordcloud.__version__)
import bs4
print(bs4.__version__)
import requests
print(requests.__version__)
```

```
import theano
print(theano.__version__)
import networkx
print(networkx.__version__)
import cv2
print(cv2.__version__)
import gym
print(gym.__version__)
```

```
0.21.2
1.16.4
1.3.0
3.0.3
0.24.2
1.1.0
0.9.0
1.5.0
4.6.3
2.21.0
1.0.4
2.3
3.4.3
0.10.11
```

In []:

```
!ls
```

```
sample_data
```

In []:

```
!ls sample_data
```

```
anscombe.json          mnist_test.csv
california_housing_test.csv  mnist_train_small.csv
california_housing_train.csv  README.md
```

In []:

```
import json
json.loads(open('sample_data/anscombe.json').read())
```

Out[]:

```
[{'Series': 'I', 'X': 10.0, 'Y': 8.04},
 {'Series': 'I', 'X': 8.0, 'Y': 6.95},
 {'Series': 'I', 'X': 13.0, 'Y': 7.58},
 {'Series': 'I', 'X': 9.0, 'Y': 8.81},
 {'Series': 'I', 'X': 11.0, 'Y': 8.33},
 {'Series': 'I', 'X': 14.0, 'Y': 9.96},
 {'Series': 'I', 'X': 6.0, 'Y': 7.24},
 {'Series': 'I', 'X': 4.0, 'Y': 4.26},
 {'Series': 'I', 'X': 12.0, 'Y': 10.84},
 {'Series': 'I', 'X': 7.0, 'Y': 4.81},
 {'Series': 'I', 'X': 5.0, 'Y': 5.68},
 {'Series': 'II', 'X': 10.0, 'Y': 9.14},
 {'Series': 'II', 'X': 8.0, 'Y': 8.14},
 {'Series': 'II', 'X': 13.0, 'Y': 8.74},
 {'Series': 'II', 'X': 9.0, 'Y': 8.77},
 {'Series': 'II', 'X': 11.0, 'Y': 9.26},
 {'Series': 'II', 'X': 14.0, 'Y': 8.1},
 {'Series': 'II', 'X': 6.0, 'Y': 6.13},
 {'Series': 'II', 'X': 4.0, 'Y': 3.1},
 {'Series': 'II', 'X': 12.0, 'Y': 9.13},
 {'Series': 'II', 'X': 7.0, 'Y': 7.26},
 {'Series': 'II', 'X': 5.0, 'Y': 4.74},
 {'Series': 'III', 'X': 10.0, 'Y': 7.46},
 {'Series': 'III', 'X': 8.0, 'Y': 6.77},
```

```
{'Series': 'III', 'X': 13.0, 'Y': 12.74},
{'Series': 'III', 'X': 9.0, 'Y': 7.11},
{'Series': 'III', 'X': 11.0, 'Y': 7.81},
{'Series': 'III', 'X': 14.0, 'Y': 8.84},
{'Series': 'III', 'X': 6.0, 'Y': 6.08},
{'Series': 'III', 'X': 4.0, 'Y': 5.39},
{'Series': 'III', 'X': 12.0, 'Y': 8.15},
{'Series': 'III', 'X': 7.0, 'Y': 6.42},
{'Series': 'III', 'X': 5.0, 'Y': 5.73},
{'Series': 'IV', 'X': 8.0, 'Y': 6.58},
{'Series': 'IV', 'X': 8.0, 'Y': 5.76},
{'Series': 'IV', 'X': 8.0, 'Y': 7.71},
{'Series': 'IV', 'X': 8.0, 'Y': 8.84},
{'Series': 'IV', 'X': 8.0, 'Y': 8.47},
{'Series': 'IV', 'X': 8.0, 'Y': 7.04},
{'Series': 'IV', 'X': 8.0, 'Y': 5.25},
{'Series': 'IV', 'X': 19.0, 'Y': 12.5},
{'Series': 'IV', 'X': 8.0, 'Y': 5.56},
{'Series': 'IV', 'X': 8.0, 'Y': 7.91},
{'Series': 'IV', 'X': 8.0, 'Y': 6.89}]
```

In []:

```
a = 5
```

In []:

```
print(a)
```

```
-----
NameError                                Traceback (most recent call last)
<ipython-input-1-bca0e2660b9f> in <module>()
----> 1 print(a)

NameError: name 'a' is not defined
```