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# coding: utf-8
# this is a 'hello world' like code of matplotlib 🙄🙄🙄

import numpy as np
#pyplot is use to plot graphs and plt is a standard alias you can use
alias as you want.
from matplotlib import pyplot as plt

#linspace(start, stop, how_many) is a function of numpy library used to
create an array(by default float values with dimension 1) of real values.
x = np.linspace(0, 10, 1000)

#plot(x, y, ...) is used to plot graph and it return the address of graph
where it stored. here x parameter is values of x cordinate and np.sin(x)
is y cordinate of graph.
plt.plot(x, np.sin(x))

#plt.show() is use to show the graph.
plt.show()
```

