

```
1 # Import og Sinus kurve plot
2 import math as math
3 import matplotlib.pyplot as plt
4
5 # Data for plot
6 x_axis = range(0, 2000)
7 x_axis = [x / 100 for x in x_axis]
8 y_axis = [math.sin(x) for x in x_axis]
9
10 plot, ax = plt.subplots()
11 ax.plot(x_axis, y_axis)
12 ax.set(xlabel='x (radians)', ylabel='sin(x)',
13        title='Sinus kurve')
14 ax.grid()
15
16 plot.savefig("sinus_kurve.png")
17 plt.show()
18
19
```