

Plotline

January 27, 2017

0.1 Plotline

This is a function which plots the f periods of a sine function.

```
In [1]: %matplotlib inline
def plotsine(f):
    """this function plots f periods of the sine function"""
    import numpy as np
    import matplotlib.pyplot as plt
    x=np.linspace(0,2*np.pi,100);
    y=np.sin(f*x);
    plt.plot(x,y)
    plt.show()
    return

if __name__ == '__main__':
    plotsine(2.0)
```

