Hello, world!

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This is our hello world notebook!

```
In [1]: print("Hello world!")
```
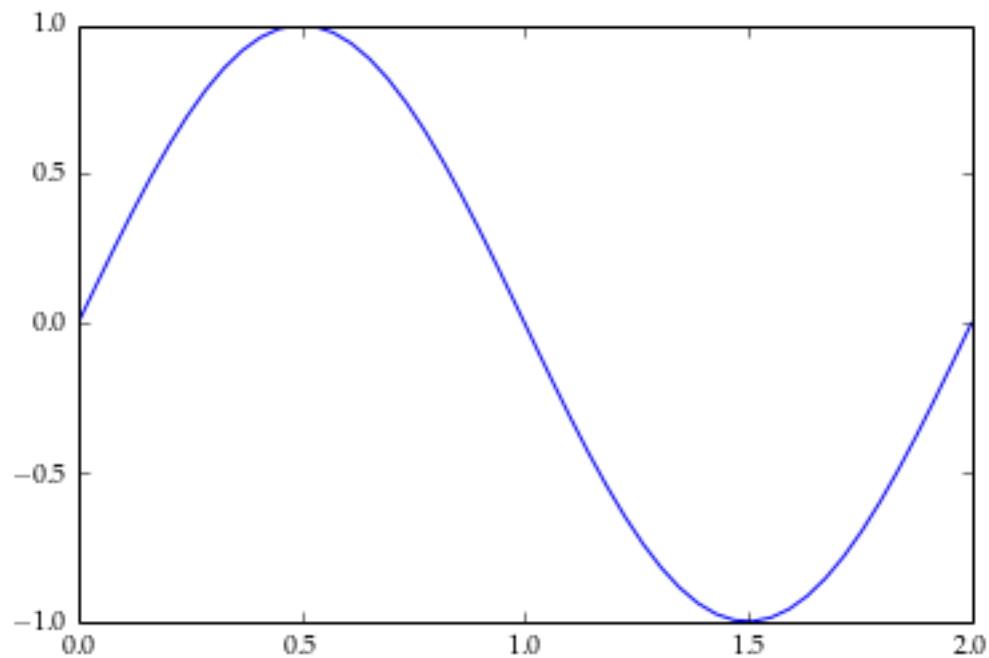
Hello world!

Here we continue with some formula

$$f(x) = \sin(\pi x), \tag{1}$$

which we would like to plot

```
In [2]: %matplotlib inline
        import matplotlib as mpl
        import matplotlib.pyplot as plt
        import numpy as np
```

```
In [3]: x = np.linspace(0., 2.)
        plt.plot(x, np.sin(np.pi * x))
        plt.show()
```


This is the end of the file.