numpy: Tools

Other tools

- `numpy.linalg`
- `scipy`
- `matplotlib`

In [1]:

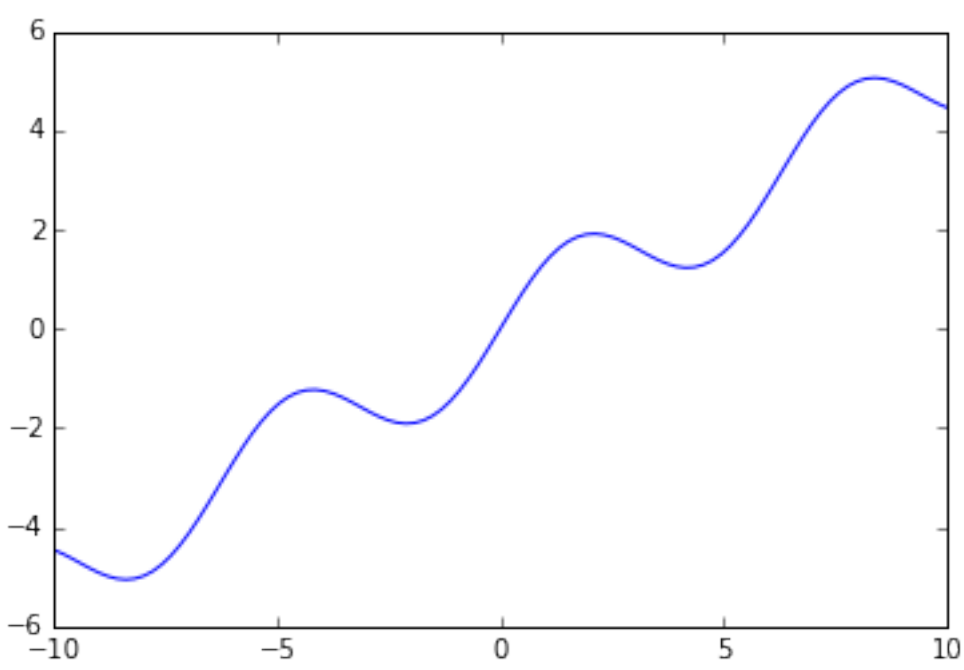
```
import numpy as np
import matplotlib.pyplot as pt
```

In [2]:

```
x = np.linspace(-10, 10, 100)
pt.plot(x, np.sin(x)+x*0.5)
```

Out[2]:

```
[<matplotlib.lines.Line2D at 0x7f79b98ad668>]
```

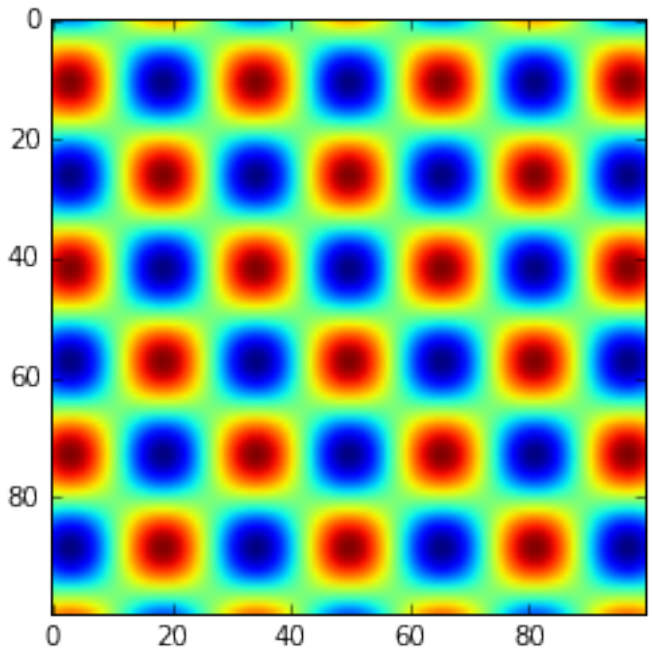


In [3]:

```
pic = np.sin(x).reshape(len(x), 1)  * np.cos(x)
pt.imshow(pic)
```

Out[3]:

```
<matplotlib.image.AxesImage at 0x7f79b97bc278>
```



In [ ]: