Get to Know a numpy Array

You will use the numpy array A for the following

In [6]:

```python
import numpy as np
A=np.array([[11,12],[21,22],[31,32]])
```

1) type using the function type

In [ ]:

2) the shape of the array

In [ ]:

3) the type of data in the array

In [ ]:

4) Find the second row of the numpy array A :

In [ ]:

Two kinds of Multiplying

you will use the following numpy arrays for the next questions

In [8]:

```python
A=np.array([[11,12],[21,22]])
B=np.array([[1, 0],[0,1]])
```

1) multiply array A and B

In [10]:

```
A*B
```

Out[10]:

```
array([[11,  0],
       [ 0, 22]])
```

2) plot the function

In [12]:

```
np.dot(A,B)
np.dot(B,A)
```

Out[12]:

```
array([[11, 12],
       [21, 22]])
```