In [1]:
```
import numpy as np
x=np.array([1,2,3,4])
y=np.array([5.5,6.5,7.5,8.5])
```

In [2]:
```
z=np.add(x,y)
print(z)
```

```
[ 6.5  8.5 10.5 12.5]
```

In [3]:
```
z=np.subtract(x,y)
print(z)
```

```
[-4.5 -4.5 -4.5 -4.5]
```

In [4]:
```
z=np.multiply(x,y)
print(z)
```

```
[ 5.5 13.  22.5 34. ]
```

In [5]:
```
z=np.divide(y,x)
print(z)z=np.divide(x,y)
print(z)X=np.array([[1,2],[3,4]])
print(X)
```

```
[5.5   3.25  2.5   2.125]
```

In [6]:
```
X=np.array([[1,2],[3,4]])
print(X)
```

```
[[1 2]
 [3 4]]
```

In [7]:
```
print(X.sqrt(axis=0))
```

```
---------------------------------------------------------------------
--------
AttributeError                            Traceback (most recent ca
ll last)
<ipython-input-7-f24a7089b3c9> in <module>
----> 1 print(X.sqrt(axis=0))

AttributeError: 'numpy.ndarray' object has no attribute 'sqrt'
```

In [8]:
```
Z=X.max(axis=0)
print(Z)
```

```
[3 4]
```