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

```
[1 2 3 4] [5.5 6.5 7.5 8.5]
```

In [4]:
```
np.add(x,y)
```

Out[4]:
```
array([ 6.5,  8.5, 10.5, 12.5])
```

In [6]:
```
np.subtract(x,y)
```

Out[6]:
```
array([-4.5, -4.5, -4.5, -4.5])
```

In [7]:
```
np.multiply(x,y)
```

Out[7]:
```
array([ 5.5, 13. , 22.5, 34. ])
```

In [8]:
```
np.divide(x,y)
```

Out[8]:
```
array([0.18181818, 0.30769231, 0.4       , 0.47058824])
```

In [9]:
```
import numpy as np
x=np.array([[1,2],[3,4]])
print(x)
```

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

In [10]:
```
np.sqrt(x)
```

Out[10]:
```
array([[1.        , 1.41421356],
       [1.73205081, 2.        ]])
```

In [11]:
```
np.max(x)
```

Out[11]:
```
4
```

In [12]:
```
np.min(x)
```

Out[12]:
```
1
```

In [13]:
```
np.median(x,axis=1)
```

Out[13]:
```
array([1.5, 3.5])
```

In [14]:
```
np.std(x,axis=1)
```

Out[14]:
```
array([0.5, 0.5])
```

In [15]:
```
np.mean(x,axis=1)
```

Out[15]:
```
array([1.5, 3.5])
```

In [17]:
```
np.exp(x)
```

Out[17]:
```
array([[ 2.71828183,  7.3890561 ],
       [20.08553692, 54.59815003]])
```