In [1]:

```python
import numpy as np
```

In [2]:

```python
5/2
```

Out[2]:

```
2.5
```

In [3]:

```python
# Create array
arr1 = np.array([[1,2,3],[8,9,10]])

#Show
arr1
```

Out[3]:

```
array([[ 1,  2,  3],
       [ 8,  9, 10]])
```

In [8]:

```python
arr1.dtype
```

Out[8]:

```
dtype('int32')
```

In [4]:

```python
#Multiplying Arrays
arr1*arr1
```

Out[4]:

```
array([[  1,   4,   9],
       [ 64,  81, 100]])
```

In [5]:

```python
#Subtraction
arr1-arr1
```

Out[5]:

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

In [6]:

```python
#Arithmetic operations with scalars on array
1 / arr1
```

Out[6]:

```
array([[1.        , 0.5       , 0.33333333],
       [0.125     , 0.11111111, 0.1       ]])
```

In [7]:

```python
#Exponential operation
arr1 ** 3
```

Out[7]:

```
array([[   1,    8,   27],
       [ 512,  729, 1000]], dtype=int32)
```