Joining NumPy Array:

Stacking functions in NumPy:

- vstack() - vertical stack.
- hstack() - horizontal stack.
- column_stack() - first numpy array takes first column and second numpy array takes second column.

vstack():

In [6]:

```python
import numpy as np
```

In [7]:

```python
n1 = np.array([10,20,30])
n2 = np.array([40,50,60])
```

In [8]:

```python
np.vstack((n1,n2))
```

Out[8]:

```
array([[10, 20, 30],
       [40, 50, 60]])
```

hstack():

In [9]:

```python
np.hstack((n1,n2))
```

Out[9]:

```
array([10, 20, 30, 40, 50, 60])
```

column_stack():

In [10]:

```python
np.column_stack((n1,n2))
```

Out[10]:

```
array([[10, 40],
       [20, 50],
       [30, 60]])
```

In [ ]: