# numpy Library: Modules, Functions & Examples

Description: Numerical operations on large arrays

## Functions and Examples:

Function: array([list])

```
import numpy as np

arr = np.array([1, 2, 3])

print(arr)
```

Function: linspace(start, stop, num)

```
import numpy as np

print(np.linspace(1, 10, 5))
```

Function: reshape(rows, cols)

```
import numpy as np

arr = np.array([1, 2, 3, 4]).reshape(2, 2)

print(arr)
```