

THE LAKHAN FUNCTION

Importing numpy

In [1]:

```
import numpy as np
```

Generating the array

In [2]:

```
x = np.array([[1, 2],  
              [4, 2]])  
  
y = np.array([4, 1])
```

Importing scikit-learn library to perform linear regression

In [3]:

```
from sklearn.linear_model import LinearRegression
```

Fitting the regressor with no intercept

In [4]:

```
lakhanRegressor = LinearRegression(fit_intercept=False)  
lakhanRegressor.fit(x, y)
```

Out[4]:

```
LinearRegression(copy_X=True, fit_intercept=False, n_jobs=None, normalize=False)
```

The required coefficients

In [5]:

```
lakhanRegressor.coef_
```

Out[5]:

```
array([-1. ,  2.5])
```