arr = [10, 1, 2, 4, 55, 22]   n = len(arr) # 6
    0 1 2 3 4 5

```
mat1 = [
    [1_{00}, 4_{01}, 6_{02}]
    [8_{10}, 9_{11}, 0_{12}]
    [44_{20}, 2_{21}, 0_{22}]
]
```

matrix with 3 rows and 3 columns

$first\_ele = A_{11}$

first_ele = mat[0][0]
Row
Column

if we use len() function on this mat1 it will output the number of rows always

n = len(mat1) # 3

mat1_ele6 = mat1[0][2]

```
mat1 = [[1, 4, 6], [6, 9, 0], [44, 2, 0]]
         0            1            2
```

n = len(mat1) # 3

to access first element (list) of this matrix: row1 = mat1[0] : # [1, 4, 6]