

Dideklarasikan 2 buah matrices, misalnya M dan $MTranspose$

- $MTranspose$ merupakan hasil transpose dari M .
- Ukuran baris M = Ukuran kolom $MTranspose$.
- Ukuran kolom M = Ukuran baris $MTranspose$
- $MTranspose[i][j] = M[j][i]$

Program Python.

```
M = [  
    [1, 2, 3],  
    [4, 5, 6],  
    [7, 8, 9],  
]
```

Ukuran matrices M

$NBrs = len(M)$ *#* Jumlah baris

$NKol = len(M[0])$ *#* Jumlah kolom

Menentukan ukuran Transpose.

$NBrs_t = NKol$ *#* Jumlah baris transpose = Jumlah kolom M

$NKol_t = NBrs$ *#* Jumlah kolom transpose = Jumlah baris M .

Membuat matrices transpose kosong

$Mt = [[0 \text{ for } j \text{ in range}(NKol_t)] \text{ for } i \text{ in range}(NBrs_t)]$

* Melakukan Proses transpose

For i in range (NBaris) :

For j in range (Nkolom) :

$MT[i][j] = M[j][i]$

* Cetak hasil

Print ("Matriks M : ")

For row in M :

Print (row)

Print ("Matriks Transpose (MT) : ")

For row in MT :

Print (row)