

~~void fun~~

array [9] = {1, 2, 3, 4, 5, 6, 7, 8, 9}

array [1,

matrix =  $\begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix}$   $\begin{bmatrix} 1 & 2 & 3 & 4 \\ 5 & 6 & 7 & 8 \\ 9 & 10 & 11 & 12 \end{bmatrix}$

~~Transp Mat~~ =  $\begin{bmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \end{bmatrix}$   $\begin{bmatrix} 1 & 5 & 9 \\ 2 & 6 & 10 \\ 3 & 7 & 11 \\ 4 & 8 & 12 \end{bmatrix}$

matrix Transp [i][j] = matrix [j][i]

[0][1] = [1][0]

[4][3] = [3][4]

i  
j

0  
0

