

Series N°3: Matrices in MATLAB



Excercise N°1

Assuming we have the matrix in the left side and we went to make it in each case similar as in the right side .

What's the command or what will be written in the screen or command window of MATLAB to display similar matrices in right side of each case A.

01	$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \end{bmatrix};$		$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 \end{bmatrix};$
02	$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \end{bmatrix};$		$A = \begin{bmatrix} 0 & 7 & 4 & 0 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 0 & 1 & -2 & 0 \end{bmatrix};$
03	$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \end{bmatrix};$		$A = \begin{bmatrix} 1 & 7 & 4 & 0 & -6 \\ 2 & 5 & 9 & 0 & 3 \\ -1 & 2 & 3 & 0 & 5 \\ 2 & 1 & -2 & 0 & 3 \end{bmatrix};$
04	$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \end{bmatrix};$		$A = \begin{bmatrix} 5 & 9 & 3 \\ 2 & 3 & 5 \\ 1 & -2 & 3 \end{bmatrix};$



05	$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \end{bmatrix};$ 	$A = \begin{bmatrix} 0 & 1 & 7 & 4 & -6 \\ 0 & 2 & 5 & 9 & 3 \\ 0 & -1 & 2 & 3 & 5 \\ 0 & 2 & 1 & -2 & 3 \end{bmatrix};$
06	$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \end{bmatrix};$ 	$A = \begin{bmatrix} 1 & 7 & 4 & -6 & 0 \\ 2 & 5 & 9 & 3 & 0 \\ -1 & 2 & 3 & 5 & 0 \\ 1 & 1 & -2 & 3 & 0 \end{bmatrix};$
07	$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \end{bmatrix};$ 	$A = \begin{bmatrix} 0 & 0 & 0 & 0 \\ 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \end{bmatrix};$
08	$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & 3 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \end{bmatrix};$ 	$A = \begin{bmatrix} 1 & 7 & 4 & -6 \\ 2 & 5 & 9 & -6 \\ -1 & 2 & 3 & 5 \\ 2 & 1 & -2 & 3 \\ 0 & 0 & 0 & 0 \end{bmatrix};$