Mathcad Professional - [mathcadassignmenthome.mcd]

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Normal Arial 10

$$A := \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \end{pmatrix} \qquad B := \begin{pmatrix} 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{pmatrix}$$

AIYEDUN OLATILEWA EYITAYO
18/ENG04/008
ELECT/ELECT

$$A = \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \end{pmatrix} \qquad B = \begin{pmatrix} 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{pmatrix}$$

$X := stack(A,B)$

$Y := augment(A,B)$

$$X = \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \\ 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{pmatrix} \qquad Y = \begin{pmatrix} 1 & 4 & 7 & 10 & 13 & 16 \\ 2 & 5 & 8 & 11 & 14 & 17 \\ 3 & 6 & 9 & 12 & 15 & 18 \end{pmatrix}$$

Matrix

Calculator

n!	i	m..n	x_n	|x|
ln	e^x	x^{-1}	x^y	$\sqrt[n]{}$
log	π	( )	x^2	$\sqrt{}$
tan	7	8	9	/
cos	4	5	6	×
sin	1	2	3	+
:=	.	0	−	=

Programming

Add Line	←
if	otherwise
for	while
break	continue
return	on error

Press F1 for help.

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MATLAB R2017a

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- util
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- lcdata.xml
- lcdata.xsd
- lcdata_utf8.xml
- mathassignmenthomeone.m
- matlab.exe
- mbuild.bat
- mcc.bat
- mex.bat
- mex.pl
- mexext.bat
- mexsetup.pm
- mexutils.pm
- mw_mpiexec.bat
- worker.bat

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```
1 -  commandwindow
2 -  clear
3 -  clc
4 -  A=[1 4 7; 2 5 8; 3 6 9;]
5 -  B=[10 13 16; 11 14 17; 12 15 18;]
6 -  X=[A; B]
7 -  Y=[A B]
```

Command Window

```
    12    15    18


Y =

     1     4     7    10    13    16
     2     5     8    11    14    17
     3     6     9    12    15    18

fx >>
```

Workspace

Name	Value
A	[1,4,7;2,5,8;3,6,9]
B	[10,13,16;11,14,1...
X	6x3 double
Y	3x6 double

script | Ln 7 | Col 8

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Command Window

```
A =

     1     4     7
     2     5     8
     3     6     9


B =

    10    13    16
    11    14    17
    12    15    18


X =

     1     4     7
```

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