

$$A := \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \end{pmatrix}$$

$$B := \begin{pmatrix} 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{pmatrix}$$

$$X := \text{stack}(A, B)$$

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

$$Y := \text{augment}(A, B)$$

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

Calculator

sin	cos	tan	ln	log
nl	i	x	√	°
e ^x	1/x	()	x ²	x ^y
π	7	8	9	/
1/4	4	5	6	×
÷	1	2	3	+
=	.	0	-	=

Matrix

$\begin{pmatrix} \dots \\ \dots \\ \dots \end{pmatrix}$	\times_n	\times^{-1}	$ x $
$\frac{d}{dx}$	$t^{(n)}$	t^T	$m..n$
\int	$\int \dots \int$	\sum	\prod

Graph

Boolean

=	<	>	≤	≥	≠	¬	∧	∨	⊕
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- [-] .frostwire5
- [-] .Origin
- [-] .QtWebEngineProcess
- [-] 3D Objects
- [-] AppData
- [-] Application Data
- [-] Contacts
- [-] Cookies
- [-] Desktop
- [-] Documents
- [-] Downloads
- [-] Favorites
- [-] IntelGraphicsProfiles
- [-] Links
- [-] Local Settings
- [-] MicrosoftEdgeBackups

Details

Workspace

Name	Value
A	[1,4,7;2,5,8;3,6,9]
B	[10,13,16;11,14,17;12,...
X	6x3 double
Y	3x6 double

```

1 % SAKA-SHENAYON,Olarewaju
2 % 18/ENG02/086
3 % Computer Engineering
4 % EN282 Assignment
5
6 commandwindow
7 clear
8 clc
9
10 A = [1 4 7; 2 5 8; 3 6 9]
11 B = [10 13 16; 11 14 17; 12 15 18]
12
13 X = [A; B]
14 Y = [A B]

```

Command Window

```

3     6     9
10    13    16
11    14    17
12    15    18

Y =

fx  1     4     7    10    13    16

```