

Lecture 2

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Scalar Arithmetic Operations

Symbol	Operation	MATLAB Form
\wedge	exponentiation : a^b	$a \wedge b$
$*$	multiplication : ab	$a * b$
$/$	right division : $\frac{a}{b}$	a / b
\backslash	left division : $\frac{b}{a}$	$a \backslash b$
$+$	addition : $a+b$	$a + b$
$-$	subtraction : $a-b$	$a - b$

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Commands For Managing the Work Session :

Command	Description
clc	Clears the Command Window .
clear	Removes all variables from memory .
clear var1 var2	Removes the variables var1 and var2 from memory .
who	Lists the variables currently in memory .
whos	Lists the current variables and sizes .
:	Colon ; generates an array having regularly spaced elements .
,	Comma ; separates elements of an array .
;	Semi colon ; denotes a new row in an array .
...	Ellipsis ; continues a line .