

R47v0 Ref page : Variable naming

MainType	Label	Fullname	Info
Character	+	Plus	Not allowed
Character	-	Minus	Not allowed
Character	x	Cross	Not allowed
Character	:	Colon	Not allowed
Character	/	Slash	Not allowed in equations
Symbol	^	Raise to power	Not allowed
Symbol	(	Left parenthesis	Not allowed
Symbol	)	Right parenthesis	Not allowed
Symbol	=	Equal	Not allowed
Character	;	Semicolon	Not allowed
Character		Pipe ; Bar	Not allowed
Symbol	!	Exclamation mark	Not allowed
Character	'	Space	Not allowed
Symbol	π	pi	In equations this is parsed as the number π

MainType	Label	Fullname	Info
Variable	ACC	Accuracy of the integrator	Reserved Real variable -- not allowed
Variable	$\uparrow$ Lim	Upper limit for integrator	Reserved Real variable -- not allowed
Variable	$\downarrow$ Lim	Lower limit for integrator	Reserved Real variable -- not allowed
Variable	$\uparrow$ EST	Upper estimate for solver	Reserved Real variable -- not allowed
Variable	$\downarrow$ EST	Lower estimate for solver	Reserved Real variable -- not allowed
Variable	$\uparrow$ X	Upper limit for X-axis	Reserved Real variable -- not allowed
Variable	$\downarrow$ X	Lower limit for X-axis	Reserved Real variable -- not allowed
Variable	$\uparrow$ Y	Upper limit for Y-axis	Reserved Real variable -- not allowed
Variable	$\downarrow$ Y	Lower limit for Y-axis	Reserved Real variable -- not allowed
Variable	FV	TVM future value	Reserved Real variable -- not allowed
Variable	I%/a	TVM annual interest rate	Reserved Real variable -- not allowed
Variable	NPPER	TVM number of payments	Reserved Real variable -- not allowed
Variable	PPER/a	TVM payment period	Reserved Real variable -- not allowed
Variable	PMT	TVM payment	Reserved Real variable -- not allowed
Variable	PV	TVM present value	Reserved Real variable -- not allowed
Variable	CPER/a	TVM compounding periods	Reserved Real variable -- not allowed
Variable	GRAMOD	Graphics display mode	Reserved LongInteger variable -- not allowed
Variable	δ_d	Delta value for derivatives	Special Real variable -- may be overridden
Variable	HISTO	Histogram matrix	Reserved Matrix variable (cannot be deleted) -- not allowed
Variable	STATS	Statistics matrix	Reserved Matrix variable (cannot be deleted) -- not allowed
Variable	Mat_A	Matrix A	Reserved Matrix variable -- not allowed
Variable	Mat_B	Matrix B	Reserved Matrix variable -- not allowed
Variable	Mat_X	Matrix X	Reserved Matrix variable -- not allowed

Variables can now use any name starting with a letter, not including the characters indicated in the table above, maximum length : 7 characters

All alphabetic single characters (upper- or lowercase) are now allowed as well as function or constant names

For example: X, Y, A, B, a, c, s, RCL, SIN are now all valid variable names

In equations

reserved variables are not allowed

dyadic functions now come with the (:) suffix

constants picked from the CNST menu are prefixed by # to differentiate them from variables

constants in previous backup or state files are automatically updated with the # prefix

if entered manually the constant names have to be prefixed by # (alpha g[LN])

Note that equations are checked for errors when pressing ENTER and EIM stays active until the equation is valid, or EXIT is pressed, discarding the input

User menu names can be anything following the above rule for variable names, but cannot be an existing menu name

Note that the restrictions listed above do not apply to LBLs !