ABS

PURPOSE
Compute the absolute value for a variable or parameter.

SYNTAX
LET <y2> = ABS(<y1>) <SUBSET/EXCEPT/FOR qualification>
where <y1> is a variable or a parameter;
    <y2> is a variable or a parameter (depending on what <y1> is) where the computed absolute value is stored;
and where the <SUBSET/EXCEPT/FOR qualification> is optional.

EXAMPLES
LET A = ABS(-2)
LET A = ABS(A1)
LET X2 = ABS(X1-4)

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS
MOD = Compute the modulo function.
MIN = Compute the minimum of two numbers.
MAX = Compute the maximum of two numbers.
DIM = Compute the positive difference of two numbers.
IND = Compute the mathematical indicator function.

APPLICATION
Data transformations

IMPLEMENTATION DATE
Pre-1987
PROGRAM
TITLE AUTOMATIC
PLOT ABS(X) FOR X = -5 1 5