INT

PURPOSE
Return the integer portion of a number or variable.

SYNTAX
LET <y2> = INT(<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 integer values are stored;

and where the <SUBSET/EXCEPT/FOR qualification> is optional.

EXAMPLES
LET A = INT(2.83)
LET A = INT(A1)
LET X2 = INT(X1-4.2)

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS
SIGN	=	Compute the sign of a number.
FRACT	=	Compute the fractional portion of number.
MSD	=	Compute the most significant digit of a number.
ROUND	=	Round to the closest integer of a number.

APPLICATIONS
Data transformation

IMPLEMENTATION DATE
Pre-1987

PROGRAM
LET Y1 = SEQUENCE 0 0.1 10
LET Y2 = INT(Y1)
SET WRITE DECIMALS 0
PRINT Y1 Y2