

SUM**PURPOSE**

Sum the elements of a variable.

SYNTAX

LET <par> = SUM <x1> <SUBSET/EXCEPT/FOR qualification>
where <x1> is a response variable;
<par> is a parameter where the computed sum is saved;
and where the <SUBSET/EXCEPT/FOR qualification> is optional.

EXAMPLES

LET A = SUM Y
LET A = SUM Y SUBSET TAG > 2

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

CUMULATIVE SUM	=	Compute the cumulative (or partial) sums of the elements in a variable.
PRODUCT	=	Compute the product of the elements of a variable.
INTEGRAL	=	Compute the integral of elements in a variable.
SUM PLOT	=	Generate a sum versus subset plot.

APPLICATIONS

Mathematics

IMPLEMENTATION DATE

Pre-1987

PROGRAM

LET Y1 = NORMAL RANDOM NUMBERS FOR I = 1 1 100
LET A = SUM Y1