MEAN

PURPOSE
Compute the sample mean for a variable.

DESCRIPTION
The sample mean is the sum of the observations divided by the number of observations.

SYNTAX
LET <par> = MEAN <y>   <SUBSET/EXCEPT/FOR qualification>

where <y> is a response variable;

<par> is a parameter where the computed mean is stored;

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

EXAMPLES
LET A = MEAN Y1

LET A = MEAN Y1 SUBSET TAG > 2

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS

MEAN PLOT	=	Generate a mean versus subset plot.
MEDIAN	=	Compute the median of a variable.
MIDMEAN	=	Compute the midmean of a variable.
TRIMMED MEAN	=	Compute the trimmed mean of a variable.
WINSORIZED MEAN	=	Compute the Winsorized mean of a variable.
MIDRANGE	=	Compute the midrange of a variable.
STANDARD DEVIATION	=	Compute the standard deviation.

APPLICATIONS
Data Analysis

IMPLEMENTATION DATE
Pre-1987

PROGRAM
LET Y1 = NORMAL RANDOM NUMBERS FOR I = 1 1 100

LET A1 = MEAN Y1