DATA

PURPOSE

Create a list of numbers into a DATAPLOT variable. This is a quick way to read a small group of numbers.

SYNTAX

LET <var> = DATA <list>

where <var> is a variable where the numbers are stored;

and   <list> is a list of numbers or parameters of arbitrary length.

EXAMPLES

LET X1 = DATA 1 3 5 7 3 1 5 9 0 -1 4 5

LET A = 2; LET X1 = DATA 3 4 5 A 4 3 A 2 1 A

NOTE

This command is intended for creating variables with only a few values. Specifically, it is limited to the number of characters that can be entered on a single command. This is 2 physical lines (DATAPLOT allows one continuation line on commands). Use the READ or SERIAL READ command to create variables with a large number of elements.

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

READ	=	Read data from file or terminal.
SERIAL READ	=	Read data serially from file or terminal.
SEQUENCE	=	Generate a sequence of numbers.
PATTERN	=	Generate numbers with a specific pattern.

APPLICATIONS

Data input

IMPLEMENTATION DATE

87/10

PROGRAM

LET X1 = DATA 1 3 5 7 3 1 5 9 0 -1 4 5

LET A = MEAN X1