CLASS UPPER

PURPOSE
Specifies the upper limit of the right-most class to be included in subsequent histograms, frequency plots, rootograms, bi-histograms, and pie charts.

SYNTAX
CLASS UPPER <x>

where <x> is a number or parameter that specifies the desired limit in units of the horizontal axis data.

EXAMPLES
CLASS UPPER 0.5
CLASS UPPER 15

NOTE

DATAPLOT's default class width algorithm tends to leave empty classes at the extremes of the distribution. Using the CLASS LOWER and CLASS UPPER (e.g., you can easily set them to the data minimum and maximum respectively) provides a simple way to avoid this problem.

DEFAULT
The default upper limit is the sample mean plus 6 times the sample standard deviation.

SYNONYMS
None

RELATED COMMANDS
CLASS LOWER	=	Sets the lower class minimum for histograms, frequency plots, and pie charts.
CLASS WIDTH	=	Sets the class width for histograms, frequency plots, and pie charts.
MINIMUM	=	Sets the frame minima for all plots.
MAXIMUM	=	Sets the frame maxima for all plots.
LIMITS	=	Sets the frame limits for all plots.
HISTOGRAM	=	Generate a histogram.
FREQUENCY PLOT	=	Generate a frequency plot.
PIE CHART	=	Generate a pie chart.
PLOT	=	Generates a plot (including bar plots).
BARS	=	Sets on/off switches for plot bars.
BAR WIDTH	=	Sets widths for plot bars.

APPLICATIONS
Histograms, frequency plots, pie charts

IMPLEMENTATION DATE
Pre-1987

PROGRAM
LET Y = NORMAL RANDOM NUMBERS FOR I = 1 1 1000
CLASS UPPER 3.5
HISTOGRAM Y