CODEN

PURPOSE
Generate a percentile coded variable.

DESCRIPTION
The value of N can be 1 thru 10 (e.g., CODE1, CODE2, ..., CODE10). This command splits the data into N percentiles and codes the data according to which of those percentiles it falls into.

SYNTAX
LET <xprime> = CODE<N> <x1> <SUBSET/EXCEPT/FOR qualification>
where <x1> is a response variable;
<xprime> is a variable of the same length as <x1> where the coded values are saved;
<N> is the number of categories to use (an integer from 1 to 10);
and where the <SUBSET/EXCEPT/FOR qualification> is optional.

EXAMPLES
LET XPRIME = CODE1 X1
LET XPRIME = CODE3 X1
LET XPRIME = CODE5 X1
LET XPRIME = CODE6 X1
LET XPRIME = CODE7 X1
LET XPRIME = CODE9 X1
LET XPRIME = CODE10 X1

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS
COCODE = Generate a cocoded variable.
CODE = Generate a coded variable.
CODEH = Generate a hinge coded variable.

APPLICATIONS
Data transformations

IMPLEMENTATION DATE
Pre-1987

PROGRAM
LET X1 = NORMAL RANDOM NUMBERS FOR I = 1 1 100
LET XPRIME = CODE10 X