CODE

PURPOSE
Generate a coded variable.

DESCRIPTION
If there are N unique values in a variable, give each of them an integer code from 1 (for the minimum) to N (for the maximum). This command is useful for generating tag variables where elements of the variable with the same value have the same value for the tag variable as well.

SYNTAX
LET <xprime> = CODE <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;
and where the <SUBSET/EXCEPT/FOR qualification> is optional.

EXAMPLES
LET XPRIME = CODE X1

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS
COCODE	=	Generate a cocoded variable.
CODE2	=	Generate a binary coded variable.
CODE4	=	Generate a quartile coded variable.
CODE8	=	Generate an octal coded variable.
CODEH	=	Generate a hinge coded variable.

APPLICATIONS
Data transformations

IMPLEMENTATION DATE
Pre-1987

PROGRAM
LET X1 = DATA 12 15 4 12 12 4 15 4 15
LET XPRIME = CODE X1

The variable XPRIME will contain the values 2, 3, 1, 2, 2, 1, 3, 1, 3.