DECOCT

PURPOSE
Perform a decimal to octal conversion of a number.

SYNTAX
LET <y2> = DECOCT(<y1>)<SUBSET/EXCEPT/FOR qualification>
where <y1> is a variable or a parameter;
<y2> is a variable or a parameter (depending on what <y1> is) where the computed octal values are stored;
and where the <SUBSET/EXCEPT/FOR qualification> is optional.

EXAMPLES
LET A = DECOCT(14)
LET X2 = DECOCT(X1)

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS
OCTDEC = Perform an octal to decimal conversion of a number.

APPLICATIONS
Base conversion

IMPLEMENTATION DATE
Pre-1987

PROGRAM
LET Y1 = SEQUENCE 0 1 20
LET Y2 = DECOCT(Y1)
SET WRITE DECIMALS 0; PRINT Y1 Y2

The following output is generated.

    0          0
    1          1
    2          2
    3          3
    4          4
    5          5
    6          6
    7          7
    8         10
    9         11
   10         12
   11         13
   12         14
   13         15
   14         16
   15         17
   16         20
   17         21
   18         22
   19         23
   20         24