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CCCCCCCC 000000 MM MM PPPPPPPP RRRRRRRR EEEEEEEEE EEEEEEEEE SSSSSSSS SSSSSSSS
CCCCCCCC 000000 MM MM PPPPPPPP RRRRRRRR EEEEEEEEE EEEEEEEEE SSSSSSSS SSSSSSSS
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CC 00 00 MM MM PPPPPPPP RRRRRRRR EEEEEEE EEEEEEE SSSSSS SSSSSS
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0001 C
0002 C Version: 'V04-000'
0003 C
0004 C*****
0005 C*
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0023 C*
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0025 C*****
0026 C
0027 C
0028 C
0029 C AUTHOR BRIAN PORTER CREATION DATE 11-OCT-1979
0030 C
0031 C Functional description:
0032 C
0033 C Provides the field width for integers and character strings.
0034 C
0035 C Modified by:
0036 C
0037 C v03-001 BP0001 Brian Porter, 24-AUG-1982
0038 C Made 32 bit unsigned numbers work.
0039 C**
0040 C
0041 C
0042 C
0043 C
0044 C INTEGER FUNCTION COMPRESS4*4 (INTEGER4)
0045 C
0046 C
0047 C
0048 C INTEGER*4 INTEGER4
0049 C
0050 C INTEGER*4 INTEGER
0051 C
0052 C
0053 C
0054 C INTEGER = LIB$EXTZV(0,31,INTEGER4)
0055 C
0056 C COMPRESS4 = 1 + INT(LOG10(REAL(MAX(1,INTEGER))))
0057 C
```







COMMAND QUALIFIERS

FORTRAN /LIS=LIS\$:COMPRESS/OBJ=OBJ\$:COMPRESS MSRC\$:COMPRESS

/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)  
/DEBUG=(NOSYMBOLS,TRACEBACK)  
/STANDARD=(NOSYNTAX,NOSOURCE FORM)  
/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)  
/F77 /NOG\_FLOATING /I4 /OPTIMIZE /WARNINGS /NOD\_LINES /NOCROSS\_REFERENCE /NOMACHINE\_CODE /CONTINUATIONS=19

COMPILATION STATISTICS

Run Time: 1.28 seconds  
Elapsed Time: 6.94 seconds  
Page Faults: 115  
Dynamic Memory: 164 pages

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VAX/VMS V4.0

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