

JES2 JOB LOG

----- JES2 JOB STATISTICS -----

12 MAY 20 JOB EXECUTION DATE

6 CARDS READ

1,123 SYSOUT PRINT RECORDS

O SYSOUT PUNCH RECORDS

0.08 MINUTES EXECUTION TIME

```
JOB 1168
        //FF#FOR JOB CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1),NOTIFY=HERCO1,
                       USER=HERCO1,PASSWORD=
                                                        GENERATED BY IKJEFF10
       // EXEC FORTHCG, PARM.FORT='OPT=2, XREF', PARM.GO=MAP XXFORT EXEC PGM=IEKAAOO, REGION=228K
        XXSYSPRINT DD SYSOUT=A
       XXSYSPUNCH DD SYSOUT=B
       XXSYSLIN DD DSNAME=&LOADSET,UNIT=SYSSQ,DISP=(MOD,PASS), XX SPACE=(400,(200,50),RLSE)
       //SYSUT2 DD DSNAME=&SYSUT1,UNIT=SYSDA,SPACE=(1024,(200,20)),SEP=SYSLMOD
        //SYSIN DD DSN=FATT.TEST.SOURCE(FF#FOR).DISP=SHR
       XXGO EXEC PGM=LOADER, COND=(4, LT),
        XX PARM='LET.NORES.EP=MAIN'
       XXSYSLIB DD DSNAME=SYS1.FORTLIB, DISP=SHR
11
        XXSYSLOUT DD SYSOUT=A
       XXSYSLIN DD DSNAME=&LOADSET,DISP=(OLD,DELETE)
12
13
14
        XXFT05F001 DD DDNAME=SYSIN
       XXFT06F001 DD SYSOUT=A
15
       XXFT07F001 DD SYSOUT=B
       //GO.SYSIN DD DSN=FATT.TEST.DATA(FF),DISP=SHR
16
```

```
IEF236I ALLOC. FOR FF#FOR FORT
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSPUNCH
IEF237I 190 ALLOCATED TO SYSLIN
IEF237I 170 ALLOCATED TO SYSUT2
IEF237I 242 ALLOCATED TO SYSIN
IEF142I FF#FOR FORT - STEP WAS EXECUTED - COND CODE 0000
IEF285I
       JES2.J0B01168.S00101
                                              SYSOUT
IEF285I
        JES2.J0B01168.S00102
                                             SYSOUT
        SYS20133.T140142.RA000.FF#FOR.LOADSET
IEF285I
                                              PASSED
IEF285I
        VOL SER NOS= WORKO3.
                                       DELETED
IEF285I
        SYS20133.T140142.RA000.FF#F0R.SYSUT1
        VOL SER NOS= WORKO1.
IEF285I
                                              KEPT *----3
IEF285I
        FATT.TEST.SOURCE
        VOL SER NOS= MV0001.
IEF285I
IEF373I STEP /FORT / START 20133.1401
IEF374I STEP /FORT / STOP 20133.1401 CPU OMIN 00.47SEC SRB OMIN 00.50SEC VIRT 292K SYS
1. JOBSTEP OF JOB: FF#FOR STEPNAME: FORT PROGRAM NAME: IEKAAOO EXECUTED ON 12.05.20 FROM 14.01.42 TO 14.01.44 *
       ELAPSED TIME 24:00:02,26 CPU-IDENTIFIER: TK4- PAGE-IN:
CPU TIME 00:00:00,97 VIRTUAL STORAGE USED: 292K PAGE-OUT:
CORR. CPU: 00:00:00,97 CPU TIME HAS BEEN CORRECTED BY 1 / 1,0 MULTIPLIER
                                                                                    0
    I/O OPERATION
    NUMBER OF RECORDS READ VIA DD * OR DD DATA: 0
     DMY....... 0 DMY...... 0 190..... 430 170..... 66 242...... 3
                                    CHARGE FOR STEP (W/O SYSOUT): 1,61
IEF236I ALLOC. FOR FF#FOR GO
IEF237I 148 ALLOCATED TO SYSLIB
IEF237I JES2 ALLOCATED TO SYSLOUT
IEF237I 190 ALLOCATED TO SYSLIN
IEF237I 242 ALLOCATED TO FT05F001
IEF237I JES2 ALLOCATED TO FT06F001
IEF237I JES2 ALLOCATED TO FT07F001
IEF142I FF#FOR GO - STEP WAS EXECUTED - COND CODE 0000
IEF285I
       SYS1.FORTLIB
                                              KEPT
       VOL SER NOS= MVSRES.
IEF285I
        JES2.J0B01168.S00103
                                              SYSOUT
IEF285I
                                          DELETED
        SYS20133.T140142.RA000.FF#FOR.LOADSET
IEF285I
                                                          *----431
IEF285I
        VOL SER NOS= WORKO3.
IEF285I
        FATT.TEST.DATA
                                              KEPT
                                                          *----2
        VOL SER NOS= MV0001.
IEF285I
IEF285I
        JES2.J0B01168.S00104
                                              SYSOUT
IEF285I
        JES2.J0B01168.S00105
                                              SYSOUT
IEF373I STEP /GO / START 20133.1401
IEF374I STEP /GO / STOP 20133.1401 CPU OMIN 02.37SEC SRB OMIN 00.09SEC VIRT 332K SYS 212K
*********************
    2. JOBSTEP OF JOB: FF#FOR STEPNAME: GO PROGRAM NAME: LOADER
                                                                      EXECUTED ON 12.05.20 FROM 14.01.44 TO 14.01.47 *
     ELAPSED TIME 24:00:02,84 CPU-IDENTIFIER: TK4- PAGE-IN: 0
CPU TIME 00:00:02,46 VIRTUAL STORAGE USED: 332K PAGE-OUT: 0
          CORR. CPU: 00:00:02,46 CPU TIME HAS BEEN CORRECTED BY 1 / 1,0 MULTIPLIER
    I/O OPERATION
     NUMBER OF RECORDS READ VIA DD * OR DD DATA:
     148.....81 DMY......0 190.....431 242......2 DMY.......0 DMY......0
                                    CHARGE FOR STEP (W/O SYSOUT):
                                                                    4,10
IEF375I JOB /FF#FOR / START 20133.1401
IEF376I JOB /FF#FOR / STOP 20133.1401 CPU
                                       OMIN 02.84SEC SRB
                                                          OMIN 00.59SEC
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```
COMPILER OPTIONS - NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,
                             SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF
              C FIGURE FATTORIALI
              C IL VETTORE CON LE CIFRE DEL FATTORIALE È GLOBALE
ISN 0002
                    COMMON C(8229)
                    INTEGER MAX,MIN,MODO,E/'E'/,G/'G'/,L/'L'/,O/'O'/,T/'T'/
ISN 0003
ISN 0004
                    LOGICAL*1 C
ISN 0005
                    EXTERNAL LESA, LLOS, LOTT, LTRI, SESA, SLOS, SOTT, STRI
ISN 0006
                    READ(5,100) MODO, MIN, MAX
ISN 0007
                    IF((MODO.NE.G).AND.
                     (MODO.NE.T).AND.(MODO.NE.L).AND.(MODO.NE.E).AND.(MODO.NE.O))
                   & CALL ERROR('MODO DEVE ESSERE SOLO G, T, L, E, O',35)
ISN 0009
                    IF((MIN.LT.0).OR.(MAX.LT.0).OR.(MIN.GT.MAX))
                   & CALL ERROR('LIMITI INCONSISTENTI', 20)
                    IF((MODO.EQ.T).AND.(MAX.GT.1494).OR.
ISN 0011
                        (MODO.EQ.L).AND.(MAX.GT.2545).OR.
                        (MODO.EQ.E).AND.(MAX.GT.2236).OR.
                        (MODO.EQ.O).AND.(MAX.GT.2739))
                   & CALL ERROR('ECCEDE IL LIMITE DI 132 CARATTERI',33)
                    IF(MODO.EQ.G) CALL ESMP
ISN 0013
                    IF(MODO.EQ.T) CALL TFOR(LTRI,STRI,MIN,MAX,'TRIANGOLO',9)
IF(MODO.EQ.L) CALL TFOR(LLOS,SLOS,MIN,MAX,'LOSANGA',7)
ISN 0015
ISN 0017
ISN 0019
                    IF(MODO.EQ.E) CALL TFOR(LESA, SESA, MIN, MAX, 'ESAGONO', 7)
ISN 0021
                    IF(MODO.EQ.O) CALL TFOR(LOTT,SOTT,MIN,MAX,'OTTAGONO',8)
ISN 0023
              100
                    FORMAT(A1,2(1XI4))
ISN 0024
                    STOP
ISN 0025
                    END
```

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SYMBOL	INTER	NAL ST	ATEMEN	IT NIIMR	FRS											
C	0002	0004	ATEMEN	ii iionb	LIND											
E	0003	0003	0007	0011	0019											
G	0003	0003	0007	0013												
L	0003	0003	0007	0011	0017											
0	0003	0003	0007	0011	0021											
T	0003	0003	0007	0011	0015											
MAX	0003	0006	0009	0009	0011	0011	0011	0011	0015	0017	0019	0021				
MIN	0003	0006	0009	0009	0015	0017	0019	0021								
ESMP	0013															
LESA	0005	0019														
LLOS	0005	0017														
LOTT	0005	0021														
LTRI	0005	0015	0007	0007	0007	0007	0007				0011	0010	0015	0017	0010	0001
MODO	0003	0006	0007	0007	0007	0007	0007	0011	0011	0011	0011	0013	0015	0017	0019	0021
SESA	0005	0019														
SLOS	0005	0017														
SOTT	0005	0021														
STRI	0005	0015	0010	0021												
TFOR	0015	0017	0019	0021												
ERROR	0007	0009	0011													

****FORTRAN CROSS REFERENCE LISTING****

LABEL DEFINED REFERENCES 100 0023 0006

100

OPTIONS IN EFFECT NAME= MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

24 .PROGRAM SIZE = *STATISTICS* SOURCE STATEMENTS = 1052

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

```
COMPILER OPTIONS - NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K
                             SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF
              C STAMPA USANDO STMP TUTTE LE FORME LFOR COMPRÈSE TRÀ MIN E MAX
ISN 0002
                    SUBROUTINE TFOR(LFOR, STMP, MIN, MAX, FNAM, LNAM)
ISN 0003
                    COMMON C(8229)
ISN 0004
                    INTEGER FATT, LI, LMAX, LMIN, LNC, LZF, MAX, MIN, N, NC, ZF, ZRFN
ISN 0005
                    REAL LFOR, LR
ISN 0006
                    LOGICAL*1 C
              C AMIN, AMAX, AN, ANC <= 9.999 AZF <= 999
ISN 0007
                    LOGICAL*1 AMAX(5), AMIN(5), AN(5), ANC(5), AZF(3), FNAM(LNAM)
ISN 0008
                    LOGICAL T1/.FALSE./,FF/.FALSE./
ISN 0009
                    CALL I2A(MIN,LMIN,AMIN)
ISN 0010
                    CALL I2A(MAX,LMAX,AMAX)
ISN 0011
                    DO 10 N=MIN.MAX
ISN 0012
                      NC=KMNT(N)
ISN 0013
                      LR=LFOR(NC)
ISN 0014
                      LI=LR
ISN 0015
                      IF(LR.NE.LI) GO TO 10
ISN 0017
                      T1=.TRUE.
ISN 0018
                      CALL STF(AMIN, LMIN, AMAX, LMAX, FNAM, LNAM, FF)
ISN 0019
                      FF=.TRUE.
ISN 0020
                      CALL STMP(FATT(N))
ISN 0021
                      CALL I2A(N,LN,AN)
ISN 0022
                      CALL I2A(NC, LNC, ANC)
ISN 0023
ISN 0024
                      ZF = ZRFN(N)
                      CALL I2A(ZF,LZF,AZF)
                      CALL SFF(AN,LN,NC,ANC,LNC,ZF,AZF,LZF)
ISN 0025
                    CONTINUE
ISN 0026
              10
ISN 0027
                    IF(T1) RETURN
ISN 0029
                    CALL STF(AMIN,LMIN,AMAX,LMAX,FNAM,LNAM,FF)
ISN 0030
                    CALL SCEN('NESSUNO',7)
ISN 0031
                    RETURN
ISN 0032
                    END
```

SYMBOL		NAL ST	AIEMEN	T NUMB	ERS	
C	0003	0006				
N	0004	0011	0012	0020	0021	0023
AN	0007	0021	0025			
FF	8000	8000	0018	0019	0029	
LI	0004	0014	0015			
LN	0004	0021	0025			
LR	0005	0013	0014	0015		
NC	0004	0012	0013	0022	0025	
T1	8000	8000	0017	0027		
ZF	0004	0023	0024	0025		
ANC	0007	0022	0025			
AZF	0007	0024	0025			
I2A	0009	0010	0021	0022	0024	
LNC	0004	0022	0025			
LZF	0004	0024	0025			
MAX	0002	0004	0010	0011		
MIN	0002	0004	0009	0011		
SFF	0025					
STF	0018	0029				
AMAX	0007	0010	0018	0029		
AMIN	0007	0009	0018	0029		
FATT	0004	0020				
FNAM	0002	0007	0018	0029		
KMNT	0012					
LFOR	0002	0005	0013			
LMAX	0004	0010	0018	0029		
LMIN	0004	0009	0018	0029		
LNAM	0002	0007	0018	0029		
SCEN	0030					
STMP	0002	0020				
TFOR	0002					
ZRFN	0004	0023				
						

25K BYTES OF CORE NOT USED

LABEL DEFINED REFERENCES 10 0026 0011 0015

OPTIONS IN EFFECT NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 31 ,PROGRAM SIZE = 878

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

```
COMPILER OPTIONS - NAME = MAIN, OPT = 02, LINECNT = 50, SIZE = 0000K,
                             SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF
              C FATTORIALE DI N: RÍTORNA NUMERO DI CIFRÉ E LÉ CIFRÉ IN C (GLOBALE)
                    INTEGER FUNCTION FATT(N)
ISN 0002
ISN 0003
                    COMMON C(8229)
ISN 0004
                    INTEGER I,M,N,NC,R
ISN 0005
ISN 0006
                    LOGICAL*1 C
                    NC=1
ISN 0007
                    C(1)=1
ISN 0008
                    IF(N.EQ.0) GO TO 50
ISN 0010
                    M=N
ISN 0011
              10
                    R=0
                    DO 20 I=1,NC
ISN 0012
ISN 0013
                      R=C(I)*M+R
ISN 0014
                      C(I) = MOD(R, 10)
ISN 0015
                      R=R/10
              20
30
                    CONTINUE
ISN 0016
ISN 0017
                    IF(R.EQ.0) GO TO 40
ISN 0019
                    NC = NC + 1
ISN 0020
                    C(NC) = MOD(R, 10)
ISN 0021
                    R=R/10
ISN 0022
                    GO TO 30
ISN 0023
              40
                    M=M-1
ISN 0024
                    IF(M.GT.1) GO TO 10
ISN 0026
              50
                    FATT=NC
ISN 0027
                    RETURN
ISN 0028
                    END
```

****F O R T R A N	CROSS	REFERENCE	L I S T I N G****	PAGE 002

SYMBOL	INTERNAL STATEMENT NUMBERS										
С	0003	0005	0007	0013	0014	0020					
I	0004	0012	0013	0014							
M	0004	0010	0013	0023	0023	0024					
N	0002	0004	8000	0010							
R	0004	0011	0013	0013	0014	0015	0015	0017	0020	0021	0021
NC	0004	0006	0012	0019	0019	0020	0026				
MOD	0014	0020									
FATT	0002	0026									

29K BYTES OF CORE NOT USED

PAGE 003

LABEL	DEFINED	REFERENCES
10	0011	0024
20	0016	0012
30	0017	0022
40	0023	0017
50	0026	8000

OPTIONS IN EFFECT NAME= MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 27 ,PROGRAM SIZE = 386

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

LEVEL 21.8 (JUN 74) OS/360 FORTRAN H DATE 20.133/14.01.43

ISN 0002 ISN 0003 ISN 0004 ISN 0005 ISN 0006 RETURN

END

SYMBOL INTERNAL STATEMENT NUMBERS N 0002 0003 0004

LTRI SQRT 0002 0004

0004 FLOAT 0004

OPTIONS IN EFFECT NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

5 ,PROGRAM SIZE = 282 *STATISTICS* SOURCE STATEMENTS =

STATISTICS NO DIAGNOSTICS GENERATED

29K BYTES OF CORE NOT USED ***** END OF COMPILATION *****

ISN 0002 ISN 0003 ISN 0004 ISN 0005 ISN 0006

RETURN

END

SYMBOL INTERNAL STATEMENT NUMBERS N 0002 0003 0004

LLOS SQRT 0002 0004 0004

OPTIONS IN EFFECT NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 5 ,PROGRAM SIZE = 316

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

LEVEL 21.8 (JUN 74) OS/360 FORTRAN H DATE 20.133/14.01.43

ISN 0002 ISN 0003 ISN 0004 ISN 0005 ISN 0006

RETURN

END

SYMBOL INTERNAL STATEMENT NUMBERS N 0002 0003 0004

LESA SQRT 0002 0004 0004

OPTIONS IN EFFECT NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 5 ,PROGRAM SIZE = 340

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

LEVEL 21.8 (JUN 74) OS/360 FORTRAN H DATE 20.133/14.01.43

COMPILER OPTIONS - NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K, SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF C LATO OTTAGONO COMPOSTO DA N CIFRE

2 REAL FUNCTION LOTT(N)
3 INTEGER N
4 LOTT=(SQRT(7.*N-3)+5)/7

ISN 0002 ISN 0003 ISN 0004 ISN 0005 ISN 0006

RETURN END

SYMBOL INTERNAL STATEMENT NUMBERS N 0002 0003 0004

LOTT SQRT 0002 0004 0004

OPTIONS IN EFFECT NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 5 ,PROGRAM SIZE = 324

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

SYMBOL INTERNAL STATEMENT NUMBERS
N 0002 0003 0005 0007 0007
C1 0004 0004 0007
C2 0004 0004 0007
ALOG 0007
KMNT 0002 0007 0009

C1 C2 ALOG KMNT FLOAT

0007

LABEL DEFINED REFERENCES 10 0009 0005

OPTIONS IN EFFECT NAME= MAIN, OPT=02, LINECNT=50, SIZE=0000K,

SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF *OPTIONS IN EFFECT*

10 .PROGRAM SIZE = 476 *STATISTICS* SOURCE STATEMENTS =

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

```
COMPILER OPTIONS - NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,
SOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,XREF
                  C RITORNA IL NUMERO DI ZERI FINALI DI N!
INTEGER FUNCTION ZRFN(N)
ISN 0002
ISN 0003
ISN 0004
                           INTEGER N,P,S,T
                           T=0
ISN 0005
ISN 0006
                           P=5
                           S=N/P
                   10
                           IF(S.GT.0) GO TO 20
ISN 0007
ISN 0009
ISN 0010
                           ZRFN=T
                           RETURN
                           T=T+S
P=P*5
GO TO 10
ISN 0011
ISN 0012
                   20
ISN 0013
ISN 0014
                           END
```

SYMBOL	INTER	NAL ST	ATEMEN	T NUMB	ERS
N	0002	0003	0006		
Р	0003	0005	0006	0012	0012
S	0003	0006	0007	0011	
T	0003	0004	0009	0011	0011
7RFN	0002	0009			

DEFINED REFERENCES

LABEL 10 20 0006 0013 0011 0007

OPTIONS IN EFFECT NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 13 ,PROGRAM SIZE = 278

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

```
COMPILER OPTIONS - NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,
                           SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF
             C GLI ESEMPI TRATTI DAL LIBRO
                   SUBROUTINE ESMP
ISN 0002
ISN 0003
                   COMMON C(8229)
ISN 0004
                   INTEGER FATT
ISN 0005
                   LOGICAL*1 C
ISN 0006
                   CALL STE
ISN 0007
                   CALL STRI(FATT(12))
ISN 0008
                   CALL SFE('9 CIFRE DI 12! NEL TESTO A PAGINA 35',36)
ISN 0009
                   CALL STEFF
ISN 0010
                   CALL STRI(FATT(105))
ISN 0011
                   CALL SFE('169 CIFRE DI 105! FIGURA 10 A PAGINA 37',39)
ISN 0012
                   CALL STEFF
                   CALL STRI(FATT(508))
ISN 0013
ISN 0014
                   CALL SFE('1.156 CIFRE DI 508! FIGURA 11 A PAGINA 38',41)
ISN 0015
                   CALL STEFF
ISN 0016
                   CALL SLOS(FATT(35))
                   CALL SFE('41 CIFRE DI 35! NEL TESTO ALLE PAGINE 37 E 38',45)
ISN 0017
ISN 0018
                   CALL STEFF
ISN 0019
                   CALL SESA(FATT(477))
ISN 0020
                   CALL SFE('1.073 CIFRE DI 477! FIGURA 12 A PAGINA 39',41)
ISN 0021
                   CALL STEFF
ISN 0022
                   CALL SOTT(FATT(2206))
ISN 0023
                   CALL SFE('6.421 CIFRE DI 2.206! FIGURA 13 PAGINA 40',41)
ISN 0024
                   RETURN
ISN 0025
                   END
```

SYMBOL INTERNAL STATEMENT NUMBERS 0003 0005 SFE STE 0011 0014 0017 0020 0023 8000 0006 **ESMP** 0002 0004 0007 0010 0013 0016 0019 0022 FATT SESA SLOS 0019 0016 0022 SOTT 0007 0010 0013 STRI 0009 0012 0015 0018 0021 STEFF

OPTIONS IN EFFECT NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 24 ,PROGRAM SIZE = 868

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION ***** 29K BYTES OF CORE NOT USED

```
COMPILER OPTIONS - NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,
SOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,XREF
                 C STAMPA UNA LINEA LÍN LUNGÁ LUN, CENTRATÁ
                          SUBROUTINE SCEN(LIN,LUN)
INTEGER B,CS,LUN
LOGICAL*1 LIN(LUN)
ISN 0002
ISN 0003
ISN 0004
ISN 0005
ISN 0006
                          LOGICAL*1 BLANK/' '/
CS=(132-LUN)/2
ISN 0007
                          WRITE(6,100) (BLANK, B=1,CS),LIN
ISN 0008
                          RETURN
ISN 0009
                          FORMAT(132A1)
                  100
ISN 0010
                          END
```

 SYMBOL
 INTERNAL
 STATEMENT
 NUMBERS

 B
 0003
 0007
 0007

 CS
 0003
 0006
 0007

 LIN
 0002
 0004
 0007

 LUN
 0002
 0003
 0004
 0006

 SCEN
 0002

 BLANK
 0005
 0005
 0007

LABEL DEFINED REFERENCES 100 0009 0007

100 0007 0001

OPTIONS IN EFFECT NAME= MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 9 ,PROGRAM SIZE = 366

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

```
COMPILER OPTIONS - NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,
SOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,XREF
              C CONVERTE INTERO IN CARATTÉRI CON SEPARATORE DI MIGLIAIA
              C N.B.
              C * FUNZIONA FINO A 9.999
              C * ALOG10 DA PROBLEMI DI PRECISIONE
ISN 0002
ISN 0003
                     SUBROUTINE I2A(N,LN,A)
                     INTEGER I, LN, M, N
ISN 0004
                     LOGICAL*1 A(LN), ZERO/'0'/, SEPM/'.'/
ISN 0005
                     M=N
ISN 0006
                     I = 0
ISN 0007
              10
                     M=M/10
ISN 0008
                     IF(M.EQ.0) GO TO 20
ISN 0010
                     I = I + 1
                     GO TO 10
ISN 0011
ISN 0012
              20
                     LN=I+I/3+1
ISN 0013
                     M=N
ISN 0014
                     I = 0
ISN 0015
              30
                     IF(I.NE.3) GO TO 40
ISN 0017
                     A(LN-I)=SEPM
ISN 0018
                     I = I + 1
ISN 0019
                     A(LN-I) = ZERO + MOD(M, 10)
              40
ISN 0020
                     I = I + 1
ISN 0021
                     M = M/10
ISN 0022
                     IF(M.GT.0) GO TO 30
ISN 0024
                     RETURN
ISN 0025
                     END
```

	GF	NC	

SYMBOL	INTER	— — .	ATEMEN	T NUMB	ERS									
Α	0002	0004	0017	0019										
I	0003	0006	0010	0010	0012	0012	0014	0015	0017	0018	0018	0019	0020	0020
M	0003	0005	0007	0007	8000	0013	0019	0021	0021	0022				
N	0002	0003	0005	0013										
LN	0002	0003	0004	0012	0017	0019								
I2A	0002													
MOD	0019													
SEPM	0004	0004	0017											
ZERO	0004	0004	0019											

****FORTRAN CROSS REFERENCE LISTING****

LABEL	DEFINED	REFERENCES
10	0007	0011
20	0012	0008
30	0015	0022
40	0019	0015

OPTIONS IN EFFECT NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 24 ,PROGRAM SIZE = 458

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION ***** 29K BYTES OF CORE NOT USED

```
COMPILER OPTIONS - NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,
SOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,XREF
               C CREA UNA LINEA (DELLA FORMA) LUNGA LUN A PARTIRE DA NC E LA STAMPA SUBROUTINE SLIN(LUN,NC)
ISN 0002
ISN 0003
                       COMMON C(8229)
ISN 0004
                       INTEGER I, LUN, NC
ISN 0005
ISN 0006
                       LOGICAL*1 C
                       LOGICAL*1 LIN(132)
ISN 0007
                       LOGICAL*1 ZERO/'0'/
ISN 0008
                       DO 10 I=1,LUN
ISN 0009
                         LIN(I)=ZERO+C(NC)
                         NC = NC - 1
ISN 0010
ISN 0011
                       CONTINUE
               10
ISN 0012
ISN 0013
                       CALL SCEN(LIN,LUN)
                       RETURN
ISN 0014
                       END
```

SYMBOL	INTER	NAL ST	ATEMEN	T NUMB	ERS
С	0003	0005	0009		
I	0004	8000	0009		
NC	0002	0004	0009	0010	0010
LIN	0006	0009	0012		
LUN	0002	0004	8000	0012	
SCEN	0012				
SLIN	0002				
7FRO	0007	0007	0009		

LABEL DEFINED REFERENCES 10 0011 0008

OPTIONS IN EFFECT NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 13 ,PROGRAM SIZE = 446

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

29K BYTES OF CORE NOT USED

```
COMPILER OPTIONS - NAME = MAIN, OPT = 02, LINECNT = 50, SIZE = 0000K, SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

C STAMPA IN FORMA DI TRIANGOLO DATO NUMERO DI CIFRE NC

ISN 0002 SUBROUTINE STRI(NC)
ISN 0003 INTEGER I, L, NC
ISN 0004 REAL LTRI
ISN 0005 L = 2*LTRI(NC)
ISN 0006 DO 10 I = 1, L, 2
ISN 0007 CALL SLIN(I, NC)
ISN 0008 10 CONTINUE
ISN 0009 RETURN
ISN 0010 END
```

 SYMBOL
 INTERNAL
 STATEMENT
 NUMBERS

 I
 0003
 0006
 0007

 L
 0003
 0005
 0006

 NC
 0002
 0003
 0005
 0007

 LTRI
 0004
 0005

 SLIN
 0007

 STRI
 0002

LABEL DEFINED REFERENCES 10 0008 0006

OPTIONS IN EFFECT NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 9 ,PROGRAM SIZE = 342

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION ***** 29K BYTES OF CORE NOT USED

```
COMPILER OPTIONS - NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,
SOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,XREF
               C STAMPA IN FORMA DI LOSANGA DATO NUMERO DI CIFRE NC
                       SUBROUTINE SLOS(NC)
ISN 0002
ISN 0003
                       INTEGER I,L,NC
ISN 0004
                       REAL LLOS
                       L=2*LLOS(NC)
DO 10 I=1,L,2
ISN 0005
ISN 0006
ISN 0007
                         CALL SLÍN(I,NC)
               10 CONTINUE
C TEST PERCHÉ FORTRAN ESEGUE SEMPRE ALMENO UNA VOLTA I DO LOOP
ISN 0008
                       IF(L.EQ.2) RETURN
DO 20 I=3,L,2
ISN 0009
ISN 0011
                         CALL SLÍN(L-I,NC)
ISN 0012
ISN 0013
                       CONTINUE
                20
                       RETURN
ISN 0014
ISN 0015
                       END
```

SYMBOL	INTER	NAL ST	ATEMEN	T NUMB	ERS	
I	0003	0006	0007	0011	0012	
L	0003	0005	0006	0009	0011	0012
NC	0002	0003	0005	0007	0012	
LLOS	0004	0005				
SLIN	0007	0012				
SLOS	0002					

REFERENCES

LABEL 10 20 DEFINED 0008 0013 0006 0011

OPTIONS IN EFFECT NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 14 , PROGRAM SIZE = 384

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

29K BYTES OF CORE NOT USED

```
COMPILER OPTIONS - NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,
SOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,XREF
                C STAMPA IN FORMA DI ESAGONO DATO NUMERO DI CIFRE NC
SUBROUTINE SESA(NC)
ISN 0002
ISN 0003
                       INTEGER I,L,L1,L2,NC
ISN 0004
                        REAL LESA
ISN 0005
ISN 0006
                       L=LESA(NC)
                        L1=2*L-1
ISN 0007
                       DO 10 I=0,L1,2
CALL SLIN(L+I,NC)
ISN 0008
ISN 0009
                       CONTINUE
                C TEST PERCHÉ FORTRAN ESEGUE SEMPRE ALMENO UNA VOLTA I DO LOOPS IF(L.EQ.1) RETURN
ISN 0010
                       L2=L1+L
D0 20 I=3,L1,2
ISN 0012
ISN 0013
                          CALL SLÍN(L2-I,NC)
ISN 0014
ISN 0015
                20
                        CONTINUE
ISN 0016
                        RETURN
ISN 0017
                        END
```

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PAGE UUZ	

****F O R T R A N	CROSS	REFERENCE	L I S T I N G****

SYMBOL	INTER	NAL ST	ATEMEN	T NUMB	ERS	
Ι	0003	0007	0008	0013	0014	
L	0003	0005	0006	0008	0010	0012
L1	0003	0006	0007	0012	0013	
L2	0003	0012	0014			
NC	0002	0003	0005	0008	0014	
LESA	0004	0005				
SESA	0002					
SLIN	0008	0014				

REFERENCES

LABEL 10 20 DEFINED 0009 0015 0007 0013

NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K, *OPTIONS IN EFFECT*

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 16 ,PROGRAM SIZE = 410

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION ***** 29K BYTES OF CORE NOT USED

```
COMPILER OPTIONS - NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,
SOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,XREF
              C STAMPA IN FORMA DI OTTAGONO DATO NUMERO DI CIFRE NC
                     SUBROUTINE SOTT(NC)
ISN 0002
ISN 0003
                     INTEGER I,L,L1,L2
ISN 0004
                     REAL LOTT
ISN 0005
ISN 0006
                     L=LOTT(NC)
                     L1=2*L-1
ISN 0007
                     DO 10 I=0,L1,2
                       CALL SLÍN(L+I,NC)
ISN 0008
ISN 0009
                     CONTINUE
              C TEST PERCHÉ FORTRAN ESEGUE SEMPRE ALMENO UNA VOLTA I DO LOOP IF(L.EQ.1) RETURN
ISN 0010
ISN 0012
                     L2=L1+L-1
ISN 0013
                     DO 20 I=2,L
                       CALL SLÍN(L2,NC)
ISN 0014
ISN 0015
                     CONTINUE
              20
ISN 0016
                     DO 30 I=2,L1,2
ISN 0017
                       CALL SLÍN(L2-I,NC)
ISN 0018
              30
                     CONTINUE
ISN 0019
                     RETURN
ISN 0020
                     END
```

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SYMBOL	INTER	NAL ST	ATEMEN	T NUMB	ERS		
I	0003	0007	0008	0013	0016	0017	
L	0003	0005	0006	0008	0010	0012	0013
L1	0003	0006	0007	0012	0016		
L2	0003	0012	0014	0017			
NC	0002	0005	8000	0014	0017		
LOTT	0004	0005					
SLIN	8000	0014	0017				
SOTT	0002						

LABEL DEFINED REFERENCES 10 0009 0007 20 0015 0013 30 0018 0016

OPTIONS IN EFFECT NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 19 ,PROGRAM SIZE = 454

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION ***** 29K BYTES OF CORE NOT USED

```
COMPILER OPTIONS - NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,
SOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,XREF
                C STAMPA TESTATA ESEMPI, PRÍMA SALTA UNA PAGINA SUBROUTINE STEFF
ISN 0002
ISN 0003
                       WRITE(6,100)
                C STAMPA TESTATA ESEMPI, SENZA PRIMA SALTARE UNA PAGINA
                       ENTRY STE CALL SCEN('MARTIN GARDNER, SHOW DI MAGIA MATEMATICA',40)
ISN 0004
ISN 0005
ISN 0006
                       CALL SCEN(' ',1)
ISN 0007
ISN 0008
                       RETURN
                       FORMAT('1')
                100
ISN 0009
                       END
```

SYMBOL INTERNAL STATEMENT NUMBERS
STE 0004
SCEN 0005 0006
STEFF 0002

29K BYTES OF CORE NOT USED

LABEL DEFINED REFERENCES 100 0008 0003

OPTIONS IN EFFECT NAME= MAIN, OPT=02, LINECNT=50, SIZE=0000K,

SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF *OPTIONS IN EFFECT*

SOURCE STATEMENTS = 8 .PROGRAM SIZE = *STATISTICS* 368

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

```
COMPILER OPTIONS - NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,
                                 SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF
               C STAMPA TESTATA FORME
                       SUBROUTINE STF(AMIN, LMIN, AMAX, LMAX, FNAM, LNAM, FF)
ISN 0002
ISN 0003
                      INTEGER B,CS,LMAX,LMIN,LNAM
ISN 0004
                       LOGICAL*1 AMAX(LMAX), AMIN(LMIN), FNAM(LNAM)
                      LOGICAL*1 S1(12)/'I','N',' ','F','O','R','M','A',' ','D','I',' '/
LOGICAL*1 S2(4)/' ','D','A',' '/
LOGICAL*1 S3(9)/'!',' ','F','I','N','O',' ','A',' '/
ISN 0005
ISN 0006
ISN 0007
                       LOGICAL*1 S4/'!'/
ISN 0008
                      LOGICAL*1 BLANK/' '/
ISN 0009
ISN 0010
                       LOGICAL FF
                       IF(FF) WRITE(6,100)
ISN 0011
ISN 0013
                       CS = (132 - (12 + LMIN + 4 + LMAX + 9 + LNAM + 1))/2
ISN 0014
                       WRITE(6,200) (BLANK, B=1,CS), S1, FNAM, S2, AMIN, S3, AMAX, S4
ISN 0015
                       CALL SCEN(' ',1)
ISN 0016
                       RETURN
ISN 0017
                       FORMAT('1')
               100
ISN 0018
               200
                      FORMAT(132A1)
ISN 0019
                       END
```

			_			
SYMBOL	INTERN	IAL	STA	TEMEN	r NUMBERS	
В	0003	001	4	0014		
CS	0003	001	3	0014		
FF	0002	001	0	0011		
S1	0005	000	5	0014		
S2	0006	000	6	0014		
S3	0007	000	7	0014		
S4	8000	000	8	0014		
STF	0002					
AMAX	0002	000	4	0014		
AMIN	0002	000	4	0014		
FNAM	0002	000	4	0014		
LMAX	0002	000	3	0004	0013	
LMIN	0002	000	3	0004	0013	
LNAM	0002	000	3	0004	0013	
SCEN	0015					
RI ANK	0009	000	9	0014		

LABEL 100 REFERENCES

DEFINED 0017 0018 0011 200 0014

OPTIONS IN EFFECT NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 18 ,PROGRAM SIZE = 724

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

25K BYTES OF CORE NOT USED

SYMBOL INTERNAL STATEMENT NUMBERS LIN 0002 0004 0006

LUN SFE 0002 0003 0004 0006 0002

SCEN 0005 0006

OPTIONS IN EFFECT NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

SOURCE STATEMENTS = 7 , PROGRAM SIZE = *STATISTICS*

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION *****

29K BYTES OF CORE NOT USED

```
COMPILER OPTIONS - NAME = MAIN, OPT=02, LINECNT=50, SIZE=0000K,
                                   SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF
                 C STAMPA FONDO FORME
ISN 0002
                         SUBROUTINE SFF(AN, LN, NC, ANC, LNC, ZF, AZF, LZF)
                        INTEGER B,CS,LN,LNC,LZF,NC,ZF
ISN 0003
ISN 0004
                         LOGICAL*1 AN(LN), ANC(LNC), AZF(LZF)
                        LOGICAL*1 AN(LN), ANC(LNC), AZF(LZF)

LOGICAL*1 S1(5)/'!','','D','I',''/

LOGICAL*1 S2(6)/'','C','I','F','R','A'/

LOGICAL*1 S3(5)/'','C','O','N',''/

LOGICAL*1 S4(12)/'','Z','E','R','O','','F','I','N','A','L','E'/

LOGICAL*1 BLANK/'','E/'E'/,I/'I'/
ISN 0005
ISN 0006
ISN 0007
ISN 0008
ISN 0009
ISN 0010
                         IF(NC.GT.1) S2(6)=E
ISN 0012
                         IF(ZF.NE.0) GO TO 10
ISN 0014
                         CS = (132 - (LN + 5 + LNC + 6))/2
ISN 0015
                         WRITE(6,100) (BLANK, B=1,CS), AN, S1, ANC, S2
ISN 0016
                         RETURN
ISN 0017
                 10
                         IF(ZF.EQ.1) GO TO 20
ISN 0019
                         S4(5)=I
ISN 0020
                         S4(12)=I
ISN 0021
                 20
                         CS=(132-(LN+5+LNC+6+5+LZF+12))/2
ISN 0022
                         WRITE(6,100) (BLANK, B=1,CS), AN, S1, ANC, S2, S3, AZF, S4
ISN 0023
                         RETURN
                         FORMAT(/132A1)
ISN 0024
                 100
ISN 0025
                         END
```

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****F O R T R A N	CROSS	REFERENC	F

SYMBOL	INTER	NAL ST	ATEMEN	T NUMB	ERS
В	0003	0015	0015	0022	0022
E	0009	0009	0010		
I	0009	0009	0019	0020	
AN	0002	0004	0015	0022	
CS	0003	0014	0015	0021	0022
LN	0002	0003	0004	0014	0021
NC	0002	0003	0010		
S1	0005	0005	0015	0022	
S2	0006	0006	0010	0015	0022
<u>S</u> 3	0007	0007	0022		
S4	8000	8000	0019	0020	0022
ZF	0002	0003	0012	0017	
ANC	0002	0004	0015	0022	
AZF	0002	0004	0022		
LNC	0002	0003	0004	0014	0021
LZF	0002	0003	0004	0021	
SFF	0002				
BLANK	0009	0009	0015	0022	

LABEL DEFINED REFERENCES
10 0017 0012
20 0021 0017
100 0024 0015 0022

OPTIONS IN EFFECT NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 24 ,PROGRAM SIZE = 914

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION ***** 25K BYTES OF CORE NOT USED

 SYMBOL
 INTERNAL
 STATEMENT
 NUMBERS

 ERR
 0002
 0004
 0005

 LUN
 0002
 0003
 0004

 ERROR
 0002

LABEL DEFINED REFERENCES 100 0007 0005

OPTIONS IN EFFECT NAME= MAIN, OPT=02, LINECNT=50, SIZE=0000K,

OPTIONS IN EFFECT SOURCE, EBCDIC, NOLIST, NODECK, LOAD, NOMAP, NOEDIT, NOID, XREF

STATISTICS SOURCE STATEMENTS = 7 ,PROGRAM SIZE = 304

STATISTICS NO DIAGNOSTICS GENERATED

***** END OF COMPILATION ****** 29K BYTES OF CORE NOT USED

STATISTICS NO DIAGNOSTICS THIS STEP

VS LOADER

OPTIONS USED - PRINT, MAP, NOLET, CALL, RES, NOTERM, SIZE=307200, NAME=**GO

NAME	TYPE	ADDR	NAME	TYPE	ADDR	NAME	TYPE	ADDR	NAME	TYPE	ADDR	NAME	TYPE	ADDR
MAIN	SD	AC010	TFOR	SD	AC430	FATT	SD	AC7A0	LTRI	SD	AC928	LLOS	SD	ACA48
LESA	SD	ACB88	LOTT	SD	ACCE0	KMNT	SD	ACE28	ZRFN	SD	AD008	ESMP	SD	AD120
SCEN	SD	AD488	I2A	SD	AD5F8	SLIN	SD	AD7C8	STRI	SD	AD988	SLOS	SD	ADAE0
SESA	SD	ADC60	SOTT	SD	ADE00	STEFF	SD	ADFC8	STE	LR	AE0F4	STF	SD	AE138
SFE	SD	AE410	SFF	SD	AE538	ERROR	SD	AE8D0	IHCECOMH	* SD	AEA00	IBCOM# *	LR	AEA00
FDIOCS# :	* LR	AEABC	INTSWTCH	l* LR	AF946	IHCCOMH2	* SD	AF968	SEQDASD	* LR	AFCE0	IHCSSQRT*	SD	AFFC8
SQRT :	* LR	AFFC8	IHCSLOG	* SD	B0110	ALOG10	* LR	B0110	ALOG	* LR	B0128	IHCFCVTH*	SD	B02C8
ADCON# :	* LR	B02C8	FCVAOUTF	* LR	B0372	FCVLOUTP	* LR	B0402	FCVZOUTP	* LR	B055A	FCVIOUTP*	LR	B090E
FCVEOUTP:	* LR	B0E10	FCVCOUTF	°* LR	B102A	INT6SWCH	* LR	B1313	IHCEFIOS	* SD	B1480	FIOCS# *	LR	B1480
FIOCSBEP:	* LR	B1486	IHCFIOS2	2∗ SD	B23A8	IHCEFNTH	* SD	B28D8	ARITH#	* LR	B28D8	ADJSWTCH*	LR	B2C74
IHCUOPT :	* SD	B2E20	IHCERRM	* SD	B3120	ERRMON	* LR	B3120	IHCERRE	* LR	B3138	IHCUATBL*	SD	B3700
IHCETRCH:	* SD	B3D38	IHCTRCH	* LR	B3D38	ERRTRA	* LR	B3D40	\$BLANKCOM	CM	B3FC8			

TOTAL LENGTH 9FDD ENTRY ADDRESS AC010

4 790 01600

9 CIFRE DI 12! NEL TESTO A PAGINA 35

169 CIFRE DI 105! FIGURA 10 A PAGINA 37

1.156 CIFRE DI 508! FIGURA 11 A PAGINA 38

41 CIFRE DI 35! NEL TESTO ALLE PAGINE 37 E 38

1.073 CIFRE DI 477! FIGURA 12 A PAGINA 39

6.421 CIFRE DI 2.206! FIGURA 13 PAGINA 40

				FFFFFFFFFF F		FF ##	##	FFFFFF		00000000000				
					FFFFFFFF		## [FFFFFF		000000000000				
			_FF	_FF			##### F	=	00		RR	RR		
			FF	FF		#######			_00		RR R			
			FF	FF			## FF		00	00 R	R RR			
			FFFFFF		-FF	## #	# FFFF		00		RRRRRRRRR			
			FFFFFF			## ##	FFFFF	FF	00		RRRRRRR			
			FF	FF	#	# ##	FF		00	00 RR	RR			
			FF	FF		#######			00	00 RR	RR			
		F	·F	FF		######	FF		0	00 RR	RR			
		FF		FF	##		FF		00000000		RR			
		FF		FF	##	## F	F	000	00000000	10 RR	RR			
			1111111	11	11		66666666		888888		AAAAA			
		JJJ		111	111		66666666		8888888		AAAAAA			
			JJ	1111	1111	66	66	88	88		AA	AA		
			JJ	11	11	66		88	88		AA	AA		
			JJ	11	11	66		88	88		AA	AA		
			JJ	11	11	666	6666666	888	88888		AAAAAA			
			JJ	11	11	666	66666666				AAAAAA	AAAAA		
			JJ	11	11	66	66	88	88		AA	AA		
		JJ]]]]	11	11	66	66 66	88	88		AA	AA		
		JJ	JJ	11	11	66		88	88		AA	AA		
		JJJJJ	JJJ	1111111111	11111111		66666666		888888		AA	AA		
		JJJJ	JJ	1111111111	11111111	11 66	66666666	8888	888888		AA	AA		
A	END	JOB 1168	FF#FOR			ROOM	2.01	.48 PM	12 MAY 2	0 PRINTER1	SYS TK4-	JOB 1168	END	A
A	END	JOB 1168	FF#FOR			ROOM	2.01	.48 PM	12 MAY 2 12 MAY 2	0 PRINTER1	SYS TK4- SYS TK4-	JOB 1168	END	A
A	END	JOB 1168	FF#FOR			ROOM	2.01	.48 PM	12 MAY 2	0 PRINTER1	SYS TK4-	JOB 1168	END	A
A	END	JOB 1168	FF#FOR			ROOM	2.01	.48 PM	12 MAY 2	0 PRINTER1	SYS TK4-	JOB 1168	END	A