**======================================================================= Convert**

**Convert**

**PROGRAM CONVERT Convert**

**=============== Convert**

**VERSION 75-1 (APRIL 1975) Convert**

**VERSION 78-1 (JANUARY 1978) Convert**

**VERSION 80-1 (AUGUST 1980) IBM VERSION Convert**

**VERSION 80-2 (DECEMBER 1980) Convert**

**VERSION 82-1 (JANUARY 1982) Convert**

**VERSION 83-1 (JANUARY 1983) Convert**

**VERSION 86-1 (JANUARY 1986)\*NEW PROGRAM Convert**

**\*FORTRAN-77/H VERSION Convert**

**\*MULTIPLE INPUT OPTIONS Convert**

**VERSION 88-1 (AUGUST 1988) \*OPTION...INTERNALLY DEFINE ALL I/O Convert**

**FILE NAMES (SEE, SUBROUTINE FILEIO Convert**

**FOR DETAILS). Convert**

**\*IMPROVED BASED ON USER COMMENTS. Convert**

**\*ADDED NAMES OPTION TO TURN ON/OFF Convert**

**STANDARD FILE NAMES. Convert**

**\*ADDED REWIND OPTION TO TURN ON/OFF Convert**

**REWIND AT START OF PROGRAMS. Convert**

**\*DELETED HARWELL AND JAERI OPTIONS Convert**

**(PREVIOUSLY ONLY REQUIRED FOR GRAPHIC Convert**

**INTERFACE. NO LONGER REQUIRED). Convert**

**VERSION 89-1 (JANUARY 1989)\*PSYCHOANALYZED BY PROGRAM FREUD TO Convert**

**INSURE PROGRAM WILL NOT DO ANYTHING Convert**

**CRAZY. Convert**

**\*IMPROVED BASED ON USER COMMENTS. Convert**

**\*ADDED LIVERMORE CIVIC COMPILER Convert**

**CONVENTIONS. Convert**

**\*UPDATED TO USE NEW PROGRAM CONVERT Convert**

**KEYWORDS. Convert**

**\*ADDED ENDFILE OPTION TO OPTIONALLY Convert**

**ALLOW END OF FILE TO BE WRITTEN Convert**

**VERSION 91-1 (JUNE 1991) \*ADDED FORTRAN SAVE OPTION Convert**

**VERSION 92-1 (JANUARY 1992)\*ADDED ACTION OPTION - TO CONTROL Convert**

**INTERACTIVE INPUT TO CODES Convert**

**\*ADDED BLANK DELIMITED KEYWORD INPUT Convert**

**(REPLACES EARLIER FIXED FIELD INPUT) Convert**

**\*WARNING...THE INPUT PARAMETER FORMAT Convert**

**HAS BEEN GENERALIZED - FOR DETAILS Convert**

**SEE BELOW. Convert**

**VERSION 94-1 (JANUARY 1994)\*VARIABLE PROGRAM FILENAMES Convert**

**TO ALLOW ACCESS TO FILE STRUCTURES Convert**

**(WARNING - INPUT PARAMETER FORMAT Convert**

**HAS BEEN CHANGED) Convert**

**\*CLOSE ALL FILES BEFORE TERMINATING Convert**

**(SEE, SUBROUTINE ENDIT) Convert**

**\*ADDED KEYWORD CLOSE. Convert**

**VERSION 96-1 (JANUARY 1996) \*COMPLETE RE-WRITE Convert**

**\*IMPROVED COMPUTER INDEPENDENCE Convert**

**\*ALL DOUBLE PRECISION Convert**

**\*ON SCREEN OUTPUT Convert**

**VERSION 99-1 (MARCH 1999) \*GENERAL IMPROVEMENTS BASED ON Convert**

**USER FEEDBACK Convert**

**VERS. 2000-1 (FEBRUARY 2000)\*GENERAL IMPROVEMENTS BASED ON Convert**

**USER FEEDBACK Convert**

**VERS. 2002-1 (MAY 2002) \*OPTIONAL INPUT PARAMETERS Convert**

**VERS. 2004-1 (MARCH 2004) \*GENERAL UPDATE Convert**

**VERS. 2007-1 (JAN. 2007) \*GENERAL UPDATE Convert**

**VERS. 2007-2 (DEC. 2007) \*72 CHARACTER FILE NAMES. Convert**

**VERS. 2010-1 (Apr. 2010) \*General update based on user feedback Convert**

**VERS. 2012-1 (Aug. 2012) \*Added CODENAME Convert**

**\*32 and 64 bit Compatible Convert**

**\*Added ERROR stop Convert**

**VERS. 2015-1 (Jan. 2015) \*Replaced ALL 3 way IF Statements Convert**

**VERS. 2017-1 (May 2017) \*Updated based on user feedback. Convert**

**VERS. 2018-1 (Jan. 2018) \*Added on-line output for ALL ENDERROR Convert**

**Convert**

**OWNED, MAINTAINED AND DISTRIBUTED BY Convert**

**------------------------------------ Convert**

**THE NUCLEAR DATA SECTION Convert**

**INTERNATIONAL ATOMIC ENERGY AGENCY Convert**

**P.O. BOX 100 Convert**

**A-1400, VIENNA, AUSTRIA Convert**

**EUROPE Convert**

**Convert**

**ORIGINALLY WRITTEN BY Convert**

**------------------------------------ Convert**

**Dermott E. Cullen Convert**

**Convert**

**PRESENT CONTACT INFORMATION Convert**

**--------------------------- Convert**

**Dermott E. Cullen Convert**

**1466 Hudson Way Convert**

**Livermore, CA 94550 Convert**

**U.S.A. Convert**

**Telephone 925-443-1911 Convert**

**E. Mail RedCullen1@Comcast.net Convert**

**Website RedCullen1.net/HOMEPAGE.NOW Convert**

**Convert**

**AUTHORS MESSAGE Convert**

**--------------- Convert**

**THE COMMENTS BELOW SHOULD BE CONSIDERED THE LATEST DOCUMENATION Convert**

**FOR THIS PROGRAM INCLUDING ALL RECENT IMPROVEMENTS. PLEASE READ Convert**

**ALL OF THESE COMMENTS BEFORE IMPLEMENTATION, PARTICULARLY THE Convert**

**COMMENTS CONCERNING COMPUTER DEPENDENT CODING. Convert**

**Convert**

**AT THE PRESENT TIME WE ARE ATTEMPTING TO DEVELOP A SET OF COMPUTER Convert**

**INDEPENDENT PROGRAMS THAT CAN EASILY BE IMPLEMENTED ON ANY ONE Convert**

**OF A WIDE VARIETY OF COMPUTERS. IN ORDER TO ASSIST IN THIS PROJECT Convert**

**IT WOULD BE APPECIATED IF YOU WOULD NOTIFY THE AUTHOR OF ANY Convert**

**COMPILER DIAGNOSTICS, OPERATING PROBLEMS OR SUGGESTIONS ON HOW TO Convert**

**IMPROVE THIS PROGRAM. IN PARTICULAR IF YOUR FORTRAN COMPILER, OR Convert**

**COMPUTER HAS A SET OF REQUIREMENTS THAT ARE DIFFERENT FROM THOSE Convert**

**OF CDC, CRAY OR IBM PLEASE NOTIFY THE AUTHOR AND THIS PROGRAM WILL Convert**

**BE MODIFIED TO CONSIDER YOUR COMPUTER SEPERATELY. HOWEVER, IN Convert**

**ORDER TO PREVENT A PROLIFERATION OF CODING IT IS IMPERATIVE THAT Convert**

**YOU IDENTIFY EXACTLY HOW YOUR FORTRAN COMPILER OR COMPUTER DIFFERS Convert**

**FROM THOSE ALREADY CONSIDERED BY THIS PROGRAM. HOPEFULLY,IN THIS Convert**

**WAY FUTURE VERSIONS OF THIS PROGRAM WILL BE COMPLETELY COMPATIBLE Convert**

**FOR USE ON YOUR COMPUTER. Convert**

**Convert**

**PURPOSE Convert**

**------- Convert**

**THIS PROGRAM IS DESIGNED TO AUTOMATICALLY CONVERT FORTRAN PROGRAMS Convert**

**FOR USE ON ANY ONE OF A VARIETY OF, Convert**

**(1) COMPUTERS Convert**

**(2) COMPILERS Convert**

**(3) PRECISIONS (SINGLE OR DOUBLE PRECISION) Convert**

**(4) INSTALLATIONS Convert**

**(5) STANDARD OR NON-STANDARD FILE NAMES Convert**

**Convert**

**FORTRAN CODING CONVENTIONS Convert**

**-------------------------- Convert**

**THIS PROGRAM MAY BE USED TO CONVERT ANY PROGRAM WHICH USES THE Convert**

**FOLLOWING CONVENTIONS. Convert**

**Convert**

**ALL FORTRAN STATEMENTS THAT DEPEND ON ANY COMBINATION OF COMPUTER, Convert**

**COMPILER, PRECISION AND/OR INSTALLATION AND STANDARD FILE NAMES Convert**

**SHOULD BE PRECEDED AND FOLLOWED BY A COMMENT LINE THAT CONTAINS, Convert**

**Convert**

**C\*\*\*\*\* DOUBLE \*\*\*\*\*\* ACTIVATE DOUBLE PRECISION (DEFAULT) Convert**

**C\*\*\*\*\* SINGLE \*\*\*\*\*\* ACTIVATE SINGLE PRECISION Convert**

**C\*\*\*\*\* CHARACTER \*\*\* TREAT CHARACTER ARRAYS AS CHARACTERS(DEFAULT) Convert**

**C\*\*\*\*\* INTEGER \*\*\*\*\* TREAT CHARACTER ARRAYS AS INTEGERS Convert**

**C\*\*\*\*\* STOP \*\*\*\*\*\*\*\* ACTIVATE STOP TO TERMINATE PROGRAM Convert**

**C\*\*\*\*\* EXIT \*\*\*\*\*\*\*\* ACTIVATE EXIT TO TERMINATE PROGRAM Convert**

**C\*\*\*\*\* PROGRAM \*\*\*\*\* ACTIVATE PROGRAM LINE AND CONTINUATIONS Convert**

**C\*\*\*\*\* NAMES \*\*\*\*\*\*\* ACTIVATE STANDARD FILENAMES Convert**

**C\*\*\*\*\* REWIND \*\*\*\*\*\* ACTIVATE REWIND FILES AT START OF PROGRAM Convert**

**C\*\*\*\*\* ENDFILE \*\*\*\*\* ACTIVATE ENDFILE AT END OF PROGRAM Convert**

**C\*\*\*\*\* CIVIC \*\*\*\*\*\*\* ACTIVATE LIVERMORE CIVIC COMPILER CONVENTIONS Convert**

**C\*\*\*\*\* NOID \*\*\*\*\*\*\*\* REMOVE LINE ID IN COLUMNS 73-80 (73-80=BLANK) Convert**

**C\*\*\*\*\* SAVE \*\*\*\*\*\*\*\* SAVE VARIABLES BETWEEN SUBROUTINE CALLS Convert**

**C\*\*\*\*\* ACTION \*\*\*\*\*\* ACTIVATE INTERACTIVE INPUT TO CODES Convert**

**C\*\*\*\*\* CLOSE \*\*\*\*\*\*\* ACTIVATE CLOSE ALL FILES BEFORE TERMINATING Convert**

**Convert**

**IF THE USER DOES NOT SELECT, Convert**

**(1) DOUBLE OR SINGLE - THE PROGRAM WILL ACTIVATE DOUBLE Convert**

**(2) CHARACTER OR INTEGER - THE PROGRAM WILL ACTIVATE CHARACTER Convert**

**(3) STOP OR EXIT - THE PROGRAM WILL ACTIVATE STOP Convert**

**Convert**

**IF THE USER SELECTS, Convert**

**(1) DOUBLE AND SINGLE - THE PROGRAM WILL ACTIVATE DOUBLE Convert**

**(2) CHARACTER AND INTEGER - THE PROGRAM WILL ACTIVATE CHARACTER Convert**

**(3) STOP AND EXIT - THE PROGRAM WILL ACTIVATE STOP Convert**

**Convert**

**IF THE USER DOES NOT SELECT PROGRAM, NAMES, REWIND, ENDFILE, Convert**

**CIVIC, NOID, SAVE OR ACTION THESE OPTIONS WILL BE TURNED OFF. Convert**

**Convert**

**WHERE CODING IS COMPUTER OR COMPILER DEPENDENT CODING WILL BE Convert**

**PRESENT FOR ALL POSSIBLE OPTIONS. THIS PROGRAM WILL ALLOW THE Convert**

**THE USER TO CONVERT PROGRAMS FOR USE WITH ANY COMBINATION OF Convert**

**OPTIONS. FOR EXAMPLES OF HOW THIS CONVENTION IS USED SEE THE Convert**

**LISTING OF THIS PROGRAM AND THE COMMENTS BELOW ON COMPUTER Convert**

**DEPENDENT CODING. Convert**

**Convert**

**INPUT LINES Convert**

**----------- Convert**

**LINE COLS. DESCRIPTION Convert**

**---- ----- -------------------------------------- Convert**

**1 1-72 BLANK DELIMITED KEYWORDS Convert**

**2 1-60 ENDF/B INPUT DATA FILENAME Convert**

**(STANDARD OPTION = ENDFB.IN) Convert**

**3 1-60 ENDF/B OUTPUT DATA FILENAME Convert**

**(STANDARD OPTION = ENDFB.OUT) Convert**

**Convert**

**\*THE FIRST INPUT LINE IS 72 CHARACTERS. Convert**

**\*KEYWORDS MAY BE LOCATED ANYWHERE WITHIN THESE 72 CHARACTERS Convert**

**\*THERE MAY BE ANY NUMBER OF KEYWORDS INPUT Convert**

**\*EACH KEYWORD MUST BE BLANK DELIMITED, E.G., DOUBLE CHARACTER Convert**

**IS LEGAL INPUT - DOUBLECHARACTER IS NOT LEGAL INPUT. Convert**

**\*THERE MUST BE ONE OR MORE BLANKS BETWEEN KEYWORDS Convert**

**Convert**

**\*NOTE, THIS NEW INPUT PARAMETER FORMAT (VERSION 92-1) IS COMPLETELY Convert**

**COMPATIBLE WITH THE OLDER FIXED FIELD FORMAT. SO THAT IF YOU HAVE Convert**

**INPUT THAT YOU HAVE USED IN THE PAST YOU CAN CONTINUE TO USE IT. Convert**

**Convert**

**LEGAL KEYWORDS INCLUDE, Convert**

**Convert**

**DOUBLE ACTIVATE DOUBLE PRECISION (DEFAULT) Convert**

**SINGLE ACTIVATE SINGLE PRECISION Convert**

**CHARACTER TREAT CHARACTER ARRAYS AS CHARACTERS(DEFAULT) Convert**

**INTEGER TREAT CHARACTER ARRAYS AS INTEGERS Convert**

**PROGRAM ACTIVATE PROGRAM LINE AND CONTINUATIONS Convert**

**NAMES ACTIVATE STANDARD FILENAMES Convert**

**REWIND ACTIVATE REWIND FILES AT START OF PROGRAM Convert**

**ENDFILE ACTIVATE ENDFILE AT END OF PROGRAM Convert**

**CIVIC ACTIVATE LIVERMORE CIVIC COMPILER CONVENTIONS Convert**

**NOID REMOVE LINE ID IN COLUMNS 73-80 (73-80=BLANK) Convert**

**SAVE SAVE VARIABLES BETWEEN SUBROUTINE CALLS Convert**

**ACTION ACTIVATE INTERACTIVE INPUT FOR CODES Convert**

**CLOSE ACTIVATE CLOSE ALL FILES BEFORE TERMINATING Convert**

**Convert**

**EXAMPLE INPUT NO. 1 Convert**

**------------------- Convert**

**TO USE A PROGRAM IN SINGLE PRECISION, USE THE STANDARD FILE NAMES, Convert**

**REWIND ALL UNITS AT THE START OF THE PROGRAM AND TREAT CHARACTER Convert**

**ARRAYS AS CHARACTER (FORTRAN-77 CONVENTION). Convert**

**Convert**

**READ \PREPRO93\RECENT\RECENT.OLD AND Convert**

**WRITE \PREPRO93\RECENT\RECENT.NEW Convert**

**Convert**

**THE FOLLOWING 3 INPUT LINES ARE REQUIRED, Convert**

**Convert**

**SINGLE NAMES REWIND CHARACTER Convert**

**\PREPRO93\RECENT\RECENT.OLD Convert**

**\PREPRO93\RECENT\RECENT.NEW Convert**

**Convert**

**NOTE, SINCE CHARACTER IS THE STANDARD OPTION THE KEYWORD CHARACTER Convert**

**NEED NOT APPEAR ON THE ABOVE INPUT LINE. Convert**

**Convert**

**EXAMPLE INPUT NO. 2 Convert**

**------------------- Convert**

**TO USE A PROGRAM IN DOUBLE PRECISION AND TREAT ALL CHARACTER Convert**

**ARRAYS AS INTEGER (FORTRAN-H CONVENTION). Convert**

**Convert**

**USE THE STANDARD FILENAMES TO READ = CONVERT.IN AND WRITE = Convert**

**CONVERT.OUT (THIS CAN BE DONE BY LEAVING THE SECOND AND THIRD Convert**

**INPUT LINES BLANK). Convert**

**Convert**

**THE FOLLOWING 3 INPUT LINES ARE REQUIRED, Convert**

**Convert**

**DOUBLE INTEGER Convert**

**(NOTE, THIS IS A BLANK LINE) Convert**

**(NOTE, THIS IS A BLANK LINE) Convert**

**Convert**

**NOTE, SINCE DOUBLE IS THE STANDARD OPTION THE KEYWORD DOUBLE Convert**

**NEED NOT APPEAR ON THE ABOVE INPUT LINE. Convert**

**Convert**

**EXAMPLE INPUT NO. 3 Convert**

**------------------- Convert**

**TO ACTIVATE THE PROGRAM LINE, USE DOUBLE PRECISION AND TREAT ALL Convert**

**CHARACTER ARRAYS AS CHARACTER. Convert**

**Convert**

**Convert**

**READ \PREPRO93\RECENT\RECENT.OLD AND Convert**

**WRITE THE STANDARD FILENAME = CONVERT.OUT (LEAVE THE THIRD INPUT Convert**

**LINE BLANK). Convert**

**Convert**

**THE FOLLOWING 3 INPUT LINES ARE REQUIRED, Convert**

**Convert**

**PROGRAM Convert**

**\PREPRO93\RECENT\RECENT.OLD Convert**

**(NOTE, THIS IS A BLANK LINE) Convert**

**Convert**

**NOTE, SINCE DOUBLE, CHARACTER AND EXIT ARE THE STANDARD OPTIONS Convert**

**THEY NEED NOT APPEAR ON THE ABOVE INPUT LINE AND IN THIS EXAMPLE Convert**

**HAVE BEEN OMITTED. Convert**

**Convert**

**WARNING Convert**

**------- Convert**

**(1) THE PROGRAM WILL ALWAYS ACTIVATE DOUBLE OR SINGLE, CHARACTER Convert**

**OR INTEGER (AS DESCRIBED ABOVE). Convert**

**Convert**

**(2) CODING IN THE PROGRAM FOR ANY KEYWORDS THAT ARE NOT ACTIVATED Convert**

**WILL BE CONVERTED TO COMMENT LINES AND AS SUCH WILL EFFECTIVELY Convert**

**DISAPPEAR FROM THE PROGRAM. THEREFORE IF THE KEYWORDS PROGRAM, Convert**

**NAMES, REWIND, ENDFILE, CIVIC OR NOID ARE NOT INPUT BY THE USER Convert**

**THESE OPTIONS WILL BE TURNED OFF AND ANY CODING USING THESE Convert**

**KEYWORDS WILL EFFECTIVELY DISAPPEAR FROM THE PROGRAM. Convert**

**Convert**

**(3) THE SERIES OF CODES THAT ARE DESIGNED TO BE AUTOMATICALLY Convert**

**TRANSLATED BY THIS PROGRAM REQUIRE THAT ALL CALCULATIONS BE Convert**

**PERFORMED IN DOUBLE PRECISION ON SHORT WORD LENGTH COMPUTERS Convert**

**(E.G., IBM COMPUTERS). THIS PROGRAM WILL ALLOW YOU TO SPECIFY Convert**

**EITHER DOUBLE OR SINGLE PRECISION. HOWEVER, IF YOU SPECIFY Convert**

**SINGLE PRECISION THIS PROGRAM WILL PRINT A WARNING MESSAGE THAT Convert**

**THE CONVERTED PROGRAM SHOULD ONLY BE USED ON LONG WORD LENGTH Convert**

**COMPUTERS (E.G., CDC COMPUTERS). Convert**

**Convert**

**PROGRAM OPERATION Convert**

**----------------- Convert**

**THE PROGRAM WILL SEARCH FOR COMMENT LINES THAT START WITH C\*\* Convert**

**IN COLUMNS 1-3 FOLLOWED BY ANY ONE OF THE ALLOWED KEYWORDS Convert**

**IF THE KEYWORD IS THE SAME AS ONE OF THE KEYWORDS INPUT BY Convert**

**THE USER ALL LINES UP TO THE NEXT LINE WITH C\*\* IN COLUMNS 1-3 Convert**

**FOLLOWED BY THE SAME KEYWORD WILL BE SET ACTIVE BY SETTING COLUMN Convert**

**1 TO BLANK. IF THE KEYWORDS DIFFERS FROM THAT INPUT BY THE USER Convert**

**ALL LINES UP TO THE NEXT LINE WITH C\*\* IN COLUMNS 1-3 FOLLOWED BY Convert**

**THE SAME KEYWORD WILL BE SET INACTIVE BY SETTING COLUMN 1 TO C. Convert**

**Convert**

**KEYWORDS MAY NOT BE NESTED (I.E., THIS PROGRAM WILL ONLY OPERATE Convert**

**PROPERLY IF KEYWORDS APPEAR IN PAIRS. ONCE A LINE IS FOUND THAT Convert**

**CONTAINS A KEYWORD, THE NEXT LINE THAT CONTAINS A KEYWORD MUST Convert**

**CONTAIN THE SAME KEYWORD). Convert**

**Convert**

**PROGRAM LINE Convert**

**------------ Convert**

**THE FORTRAN FILE MAY START WITH A PROGRAM LINE AND CONTINUATIONS. Convert**

**FOR USE ON CDC-7600 OR CRAY-1 COMPUTERS THIS PROGRAM CAN ACTIVATE Convert**

**THE PROGRAM LINE AND CONTINUATION LINES. FOR USE ON OTHER TYPES OF Convert**

**COMPUTERS THIS PROGRAM WILL AUTOMATICALLY DE-ACTIVATE THE PROGRAM Convert**

**LINE AND CONTINUATION LINES. THIS CONVENTIONS HAS BEEN INTRODUCED Convert**

**BECAUSE SOME CDC-7600 COMPILERS CONSIDER IT AN ERROR IF THE FIRST Convert**

**LINE IS NOT A PROGRAM LINE. PRECEEDING COMMENT LINES ARE NOT Convert**

**ALLOWED. THEREFORE THE NORMAL CONVENTION, DESCRIBED ABOVE, OF Convert**

**USING PRECEDING AND FOLLOWING COMMENT LINES, CANNOT BE USED AT Convert**

**THE BEGINNING OF THE PROGRAM. Convert**

**Convert**

**COMMENT LINES Convert**

**------------- Convert**

**COMMENT LINES MAY APPEAR ON LINES BETWEEN PAIRS OF KEYWORD LINES Convert**

**ONLY IF THE COMMENT LINES CONTAINS C-- IN COLUMS 1-3. ANY LINE Convert**

**THAT CONTAINS ANYTHING ELSE IN COLUMNS 1-3 MAY BE ACTIVATED Convert**

**BY THIS PROGRAM BY SETTING COLUMN 1 BLANK AND CAN LEAD TO ERRORS Convert**

**DURING COMPILATION AND/OR EXECUTION. Convert**

**Convert**

**INPUT FILES Convert**

**----------- Convert**

**UNIT DESCRIPTION Convert**

**---- ----------- Convert**

**2 INPUT LINE (BCD - 80 CHARACTERS/RECORD) Convert**

**10 ORIGINAL PROGRAM (BCD - 80 CHARACTERS/RECORD) Convert**

**Convert**

**OUTPUT FILES Convert**

**------------ Convert**

**UNIT DESCRIPTION Convert**

**---- ----------- Convert**

**3 OUTPUT REPORT (BCD - 120 CHARACTERS/RECORD) Convert**

**11 RE-FORMATTED PROGRAM (BCD - 80 CHARACTERS/RECORD) Convert**

**Convert**

**OPTIONAL STANDARD FILE NAMES (SEE SUBROUTINE FILIO1 AND FILIO2) Convert**

**--------------------------------------------------------------- Convert**

**UNIT FILE NAME Convert**

**---- ---------- Convert**

**2 CONVERT.INP Convert**

**3 CONVERT.LST Convert**

**10 CONVERT.IN Convert**

**11 CONVERT.OUT Convert**

**Convert**

**======================================================================= Convert**