

ADAS Subroutine isort

SUBROUTINE ISORT (ND, IAIN, IAOUT, IVSORT, N, LPAPER)

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C-----
C  PURPOSE:  SORT AN INTEGER ARRAY SO THAT IT IS IN INCREASING ORDER
C
C  INPUT
C      ND      = MAXIMUM DIMENSION OF ARRAY
C      IAIN(I) = INPUT ARRAY
C      N       = NUMBER OF VALUES
C  OUTPUT
C      IAOUT(I) = SORTED ARRAY VALUES
C      IVSORT(I) = INVERSE SORT VALUES
C
C
C  AUTHOR:  UNKOWN
C
C  UNIX-IDL PORT:
C
C  VERSION: 1.1                      DATE: 31-7-96
C  MODIFIED: WILLIAM OSBORN (TESSELLA SUPPORT SERVICES PLC)
C            - FIRST VERSION
C
C  VERSION: 1.2                      DATE: 20-7-07
C  MODIFIED: Allan Whiteford
C            - Small modification to comments to allow for
C              automatic documentation preparation.
C            - Removed junk from columnds > 72.
C            - Removed old SCCS header.
C
C-----
      INTEGER          IAIN (ND),    IAOUT (ND),    IVSORT (ND),    N
      INTEGER          ND
      LOGICAL          LPAPER
```