```fortran
      NIN2=II
      RETURN
      END
C
      SUBROUTINE OUTRES0(IOSCORE,NINO,IWAGO,ITM)
      COMMON /TNUMBER/ TEAMNO
      COMMON /TNAMES/ TEAM,ALLTEAM
      COMMON /TIMES/ DD,MM,YY,RND
      CHARACTER*2 TEAM(2),ALLTEAM(12)
      CHARACTER*5 IF(2)
      INTEGER TEAMNO(2),DD,MM,YY,RND
C
      DATA IF /' TAB ',' MAT '/
      OPEN(UNIT=4,FILE='OUTFILE',STATUS='UNKNOWN')
      WRITE(4,9) TEAM(1),TEAM(2),IF(ITM),DD,MM,YY,RND
9     FORMAT('1',//'     RESULTS OF GAME HISTORY ANALYSIS BETWEEN ',
     1 (A),' & ',(A)/5X,'FROM',(A),'DATA UP TO ',I2,'-',I2,'-',I2,
     1 4X,'R ',I2)
      WRITE(4,19) O,NINO
19    FORMAT(5X,'I= ',I1,' GAMES'/5X,'NUMBER= ',I2,10X,
     1 'T1',6X,'SCORE',62X,'WEEKS AGO')
      IF(NINO.EQ.1) THEN
            WRITE(4,29) TEAM(1),IOSCORE,IWAGO
29          FORMAT(25X,(A),5X,I4,65X,I2)
      ELSE
            WRITE(4,'(25X,''NO PREVIOUS I=0 MATCHES'')')
      ENDIF
      RETURN
      END
C
      SUBROUTINE OUTRES1(I1TNO,T1SUB,NIN1,IWAG1)
      COMMON /TNUMBER/ TEAMNO
      COMMON /TNAMES/ TEAM,ALLTEAM
      DIMENSION I1TNO(10),I1SUB(10,3),IWAG1(10,2)
      INTEGER TEAMNO(2)
      CHARACTER*2 TEAM(2),ALLTEAM(12),I1TEAM
      WRITE(4,19) 1,NIN1
19    FORMAT(/5X,'I= ',I1,' GAMES'/5X,'NUMBER= ',I2,10X,
     1 'T1',6X,'SCORE',20X,'DETAILS',35X,'WEEKS AGO')
      IF(NIN1.GE.1) THEN
            DO 10 I=1,NIN1
            I1TEAM=ALLTEAM(I1TNO(I))
10          WRITE(4,29) TEAM(1),I1SUB(I,3),TEAM(1),
     1                  I1SUB(I,1),I1TEAM,I1SUB(I,2),TEAM(2),
     1                  IWAG1(I,1),IWAG1(I,2)
29          FORMAT(25X,(A),5X,I4,14X,
     1          (A),2X,I4,2X,(A),2X,I4,2X,(A),
     1          29X,T2,2X,I2)
      ELSE
            WRITE(4,'(25X,''NO PREVIOUS I=1 MATCHES'')')
      ENDIF
      RETURN
      END
C
      SUBROUTINE OUTRES2(I2TNO,I2SUB,NIN2,IWAG2)
      COMMON /TNUMBER/ TEAMNO
      COMMON /TNAMES/ TEAM,ALLTEAM
      DIMENSION I2TNO(100,2),I2SUB(100,4),IWAG2(100,3)
      INTEGER TEAMNO(2)
      CHARACTER*2 TEAM(2),ALLTEAM(12),I2TM1,I2TM2
      WRITE(4,19) 2,NIN2
19    FORMAT(/5X,'I= ',I1,' GAMES'/5X,'NUMBER= ',I2,10X,
     1 'T1',6X,'SCORE',20X,'DETAILS',35X,'WEEKS AGO')
      IF(NIN2.GE.1) THEN
            DO 10 I=1,NTN2
            I2TM1=ALLTEAM(I2TNO(I,1))
            I2TM2=ALLTEAM(I2TNO(I,2))
10          WRITE(4,29) TEAM(1),I2SUB(I,4),TEAM(1),
     1          I2SUB(I,1),I2TM1,I2SUB(I,2),I2TM2,
     1          I2SUB(I,3),TEAM(2),
     1          IWAG2(I,1),IWAG2(I,2),IWAG2(I,3)
29          FORMAT(25X,(A),5X,I4,12X,
     1          (A),2X,I4,2X,(A),2X,I4,2X,(A),2X,I4,2X,(A),
     1          18X,I2,3X,I2,3X,I2)
      ELSE
            WRITE(4,'(25X,''NO PREVIOUS I=2 MATCHES'')')
      ENDIF
      RETURN
      END
C
      SUBROUTINE OUTMAT(LGNO,MGNO,LNO,IR)
      COMMON GAMETAB
      COMMON /TNAMES/ TEAM,ALLTEAM
      COMMON /TIMES/ DD,MM,YY,RND,ROUND
      COMMON /SUMSCOR/ WT0,WT1,WT2,WTH1,WTH2,WTH3
      INTEGER GAMETAB(12,12),ROUND(12,12),DD,MM,YY,RND
      CHARACTER*2 TEAM(2),ALLTEAM(12),AI
C
      OPEN(UNIT=6,FILE='OUTMAT',STATUS='UNKNOWN')
      WRITE(6,10)DD,MM,YY,RND,LGNO,MGNO,LNO
10    FORMAT('1',//4X,'VFL RESULTS MATRIX TO ',
     1 I2,'-',I2,'-',I2,'  TO R',I2,'   GAME NO''S ',I3,'-',I3,
     1 5X,'STEP= ',I2/)
      WRITE(6,'(2X,12(3X,(A)))') (ALLTEAM(I),I=1,12)
C
      DO 20 I=1,12
      AI=ALLTEAM(T)
20    WRITE(6,'(1X,(A),12(1X,I4))') AI,(GAMETAB(I,J),J=1,12)
C
      IF(IR.EQ.1) THEN
            WRITE(6,'(1X)')
            WRITE(6,'(3X,12(1X,(A)))') (ALLTEAM(I),I=1,12)
            DO 30 I=1,12
            AI=ALLTEAM(T)
30          WRITE(6,'(1X,(A),12(1X,I2))') AI,(ROUND(I,J),J=1,12)
C
            WRITE(6,9) WT0,WT1,WT2,WTH1,WTH2,WTH3
9           FORMAT(/,10X,'WEIGHT FACTORS FROM TAB FILE'/
     1      10X,'I0 WT= ',F7.2/10X,'I1 WT= ',F7.2/10X,'I2 WT= ',F7.2//
     1      10X,'H1 WT= ',F7.2/10X,'H2 WT= ',F7.2/10X,'H3 WT= ',F7.2)
      ENDIF
      RETURN
      END
C
C
      SUBROUTINE OUTLAD(LGNO,MGNO)
      COMMON GAMETAB
      COMMON /TNAMES/ TEAM,ALLTEAM
      COMMON /TIMES/ DD,MM,YY,RND,ROUND
      INTEGER GAMETAB(12,12),ROUND(12,12),DD,MM,YY,RND
      INTEGER PTS(12),PTSW(12),TESPT
      DIMENSION LPOSN(12),LADSCOR(12),LWPOSN(12),LADSCOW(12)
      CHARACTER*2 TEAM(2),ALLTEAM(12),AI
C
      IF(RND.EQ.0) CALL ERR(11,0)
      OPEN(UNIT=6,FILE='OUTMAT',STATUS='UNKNOWN')
      WRITE(6,9)DD,MM,YY,RND,LGNO,MGNO
9     FORMAT('1',//9X,'VFL LADDERS  TO ',
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