

```

1 12, I=1, I2, I=1, I2, I TO R, I2, 5X, 'GAME NO'S', I3, I - 'I3//
1 12X, 'UNWEIGHTED', 25X, 'WEIGHTED')

```

```

DO 10 J=1,12
  IPTS=0
  WPTS=0
  INO=0
  TOT=0
  DO 20 I=1,12
    IF(GAMETAB(I,J).NE.9999) THEN
      IPTS=IPTS+GAMETAB(I,J)
      RND=ROUND(I,J)
      RRND=RRND
      RWT=RND/RRND
      WPTS=WPTS+GAMETAB(I,J)*RWT
      INO=INO+1
      TOT=TOT+RWT
    END IF
  CONTINUE
  PTS(J)=IPTS/TND
  PTW(J)=WPTS/TOT
CONTINUE

```

```

20 C
DO 30 J=1,12
  IMAX=1
  TESPT=PTS(1)
  DO 40 K=2,12
    IF(PTS(K).GT.TESPT) THEN
      IMAX=K
      TESPT=PTS(K)
    ENDIF
  CONTINUE
  LPOSN(J)=IMAX
  LADSCOR(J)=TESPT
  PTS(IMAX)=999
CONTINUE

```

```

30 C
DO 50 J=1,12
  IMAX=1
  TESPT=PTW(1)
  DO 60 K=2,12
    IF(PTW(K).GT.TESPT) THEN
      IMAX=K
      TESPT=PTW(K)
    ENDIF
  CONTINUE
  LWPOSN(J)=IMAX
  LADSCOW(J)=TESPT
  PTW(IMAX)=999
CONTINUE

```

```

39 WRITE(6,39)
  FORMAT(//9X,'TEAM',6X,'AVE SCORE',16X,'TEAM',7X,
  1 'AVE SCORE')
DO 70 J=1,12
  70 WRITE(6,19) ALLTEAM(LPOSN(J)),LADSCOR(J),ALLTEAM(LWPOSN(J)),
  1 LADSCOW(J)
  19 FORMAT(10X,(A), ' ---- ',14,23X,(A), ' ---- ',14)
  RETURN
END

```

```

C
SUBROUTINE OUTDIFF(LGNO,MGNO,LNO)
COMMON GAMETAB,DIFFMAT
COMMON /TNAMES/ TEAM,ALLTEAM

```

```

COMMON /TIMES/ DD,MM,YY,RND,ROUND
COMMON /SUMSCOR/ WTD,W1,W2,WTH1,WTH2,WTH3
INTEGER GAMETAB(12,12),ROUND(12,12),DD,MM,YY,RND
INTEGER DIFFMAT(12,12),AVEDIFF(12),SUMT,AVED,RNDIJ,DIFF
CHARACTER*2 TEAM(2),ALLTEAM(12),AI

```

```

C
OPEN(UNIT=6,FILE='OUTMAT',STATUS='UNKNOWN')
WRITE(6,9)DD,MM,YY,RND,LGNO,MGNO,LNO
  9 FORMAT(11, //4X, 'VFL DIFFERENCE MATRIX TO ',
  1 12, I=1, I2, I=1, I2, I TO R, I2, ' GAME NO'S', I3, I=1, I3,
  1 5X, 'STEP', 12//)
  WRITE(6,*(2X,12(3X,(A)))) (ALLTEAM(I),I=1,12)
DO 20 I=1,12
  AI=ALLTEAM(I)
  20 WRITE(6,*(1X,(A),12(1X,14))) AI,(DIFFMAT(I,J),J=1,12)
C

```

```

19 WRITE(6,19)
  FORMAT(//5X,'TIME AVERAGED DIFFS BETWEEN PRED & ACTUAL SCORES'
  1 //15X,'VALUES ARE FOR D=P-R'//10X,'TEAM',5X,'DIFF')
DO 40 J=1,12
  AVEDIFF(J)=0
  SUMT=0
  AVED=0
  DO 30 I=1,12
    RNDIJ=ROUND(I,J)
    DIFF=DIFFMAT(I,J)
    IF(DIFF.NE.9999) THEN
      AVED=AVEDIFF(I,J)+DIFF*RNDIJ
      SUMT=SUMT+RNDIJ
    ENDIF
  CONTINUE
  AVEDIFF(J)=AVED/SUMT
  WRITE(6,29) ALLTEAM(J),AVEDIFF(J)
  40 CONTINUE
  29 FORMAT(11X,(A),4X,14)
  RETURN
END

```

```

C
SUBROUTINE PARTSUM(IOSCORE,NINO,IWAGO,
  1 IISUB,NINI,IWAG1,I2SUB,NIN2,IWAG2,IP)
DIMENSION IISUB(100,3),IWAG1(100,2),IPSUM(66,2)
DIMENSION I2SUB(100,4),IWAG2(100,3)
INTEGER TEAMNO(2),DD,MM,YY,RND
CHARACTER*2 TEAM(2),ALLTEAM(12),TISUM(66,2)
COMMON /TNAMES/ TEAM,ALLTEAM
COMMON /TIMES/ DD,MM,YY,RND
COMMON /SUMSCOR/ WTD,W1,W2,WTH1,WTH2,WTH3,IPSUM
COMMON /SUMTEAM/ TISUM

```

```

C
TOT=WTD*NINO+W1*NINI+W2*NIN2
IF(TOT.GE.0.000001) THEN
  IPSUM(TP,1)=0
  IISCORE=0
  I2SCORE=0
  IOSUM=NINO+IOSCORE
  IF(NINI.GT.0) THEN
    DO 10 I=1,NINI
      10 IISCORE=IISCORE+IISUB(I,3)
      IISCORE=(IISCORE/NINI)
    ENDIF
  IF(NIN2.GT.0) THEN
    DO 20 I=1,NIN2

```