

```

X2=WTH1
X3=WTH1+WTH2
X4=X3+WTH3
Y1=IPSUM(I,1)
Y2=IPSUM(I,2)
Y3=IPSUM(I,3)
X3SQ=X3*X3
X2SQ=X2*X2
Y1MY2=Y1-Y2
Y1MY3=Y1-Y3
DENOM=X3SQ*X2-X2SQ*X3
A2=(X3*Y1MY2-X2*Y1MY3)/DENOM
A1=(X2SQ*Y1MY3-X3SQ*Y1MY2)/DENOM
A0=Y1
INTERP=A0+A1*X4+A2*X4*X4
RETURN
END

```

```

C
C
FUNCTION INTERLS(I)
COMMON /SUMSCOR/ WTO,WT1,WT2,WTH1,WTH2,WTH3,IPSUM
DIMENSION IPSUM(66,3)
LEAST SQUARES INTERPOLATION
C
PRINT*, 'LEAST SQ'
X2=1.0
X3=2.0
X4=3.0
Y1=IPSUM(I,1)
Y2=IPSUM(I,2)
Y3=IPSUM(I,3)
X2W2=2.0*X2*WTH2
X3W3=2.0*X3*WTH3
CA1=X2*X2W2+X3*X3W3
CB1=X2W2+X3W3
CC1=-Y2*X2W2-Y3*X3W3
CA2=CB1
CB2=2.0*(WTH1+WTH2+WTH3)
CC2=-2.0*(WTH1*Y1+WTH2*Y2+WTH3*Y3)
A=(CC2*CB1-CC1*CB2)/(CA1*CB2-CB1*CB1)
B=-(CC1+CA1*A)/CB1
INTERLS=A*X4+B
RETURN
END

```

```

C
SUBROUTINE ERR(IE, LN)
CHARACTER*40 ED(13)
DATA ED /' -- WRONG PASSWORD ... TRY AGAIN',
' -- BOTH TEAM ENTRIES THE SAME',
' -- INPUT TAB DATA IS OUT OF SEQUENCE',
' -- FAULTY TAB DATA SCORES',
' -- FAULTY TAB DATA: WINNER NE T1 OR T2',
' -- T1-T2 IN THE TAB DATA',
' -- SUM OF I WTS = 0.0 IN TAB DATA',
' -- SUM OF HIST WTS = 0.0 IN TAB DATA',
' -- HIST WTS 1 OR 2 = 0.0 IN TAB DATA',
' -- INTERP DIGIT NE 1 OR 2 IN TAB DATA',
' -- NOT ENOUGH TAB DATA FOR A LADDER',
' -- PRED WINNER NE EITHER TEAM',
' -- PRED SCORE = 0 ... WARNING ONLY'/
WRITE(3,9) IE, ED(IE)
FORMAT(1X, 'ERROR NUMBER ', I2, '(A)')
IF(LN.NE.0) THEN
WRITE(3,19) LN
FORMAT(17X, '-- IN GAME NO ', I3)

```

```

ENDIF
IF(LN.GE.0) THEN
STOP
ELSE
RETURN
ENDIF
END

```