```
FMARKSDSP2 CF   E              WORKSTN
D MINIMUM        S              3s 0
D TOTAL          S              3s 0
D COUNT          S              3S 0
 /FREE
    TEST1=0;
    TEST2=0;
    TEST3=0;
    TESTOVRALL=0;
    LABS=0;
    EXAM=0;
    COUNT=0;
    PASSES=0;
    FAILURES=0;
    TOTAL=0;
    AVERAGE=0;

    EXFMT RECORD1;
      DOW NOT(*IN03);
        *IN01=*ON;
         EXSR GETGRADE;
         WRITE RECORD1;
         EXFMT RECORD2;
         IF *IN03 = *OFF;
            EXSR CLEARMARKS;
            *IN01=*OFF;
            EXFMT RECORD1;
         ENDIF;
      ENDDO;
    EXFMT RECORD3;
    *INLR = *ON;

    RETURN;

  BEGSR GETGRADE;
    LETGRADE='F';
    COUNT+=1;
    IF TEST1<=TEST2 AND TEST1<=TEST3;
      MINIMUM=TEST1;
       *IN50=*ON;
    ELSEIF TEST2<=TEST1 AND TEST2<=TEST3;
      MINIMUM=TEST2;
       *IN51=*ON;
    ELSEIF TEST3<=TEST1 AND TEST3<=TEST2;
      MINIMUM=TEST3;
       *IN52=*ON;
    ENDIF;
    TESTOVRALL = (TEST1 + TEST2 + TEST3 - MINIMUM)/2;
    NUMGRADE = LABS + (TESTOVRALL*0.35) + (EXAM*0.35);
    AVERAGE = (AVERAGE + NUMGRADE)/COUNT;

    IF TESTOVRALL<55;
      TOTAL=0;
       *IN61=*ON;
    ELSEIF EXAM<55;
      TOTAL=0;
       *IN60=*ON;
    ELSE;
      TOTAL=NUMGRADE;
    ENDIF;

    SELECT;
      WHEN TOTAL >= 90;
        LETGRADE = 'A+';
        PASSES+=1;
      WHEN TOTAL >= 80;
        LETGRADE = 'A';
        PASSES+=1;
      WHEN TOTAL >= 75;
        LETGRADE = 'B+';
```

```
              PASSES+=1;
           WHEN TOTAL >= 70;
             LETGRADE = 'B';
             PASSES+=1;
           WHEN TOTAL >= 65;
             LETGRADE = 'C+';
             PASSES+=1;
           WHEN TOTAL >= 60;
             LETGRADE = 'C';
             PASSES+=1;
           WHEN TOTAL >= 55;
             LETGRADE = 'D+';
             PASSES+=1;
           WHEN TOTAL >= 50;
             LETGRADE = 'D';
             PASSES+=1;
           OTHER;
             LETGRADE = 'F';
             FAILURES+=1;
         ENDSL;
       ENDSR;

       BEGSR CLEARMARKS;
         TEST1=0;
         TEST2=0;
         TEST3=0;
         LABS=0;
         EXAM=0;
         TESTOVRALL=0;
         *IN50=*OFF;
         *IN51=*OFF;
         *IN52=*OFF;
         *IN60=*OFF;
         *IN61=*OFF;
       ENDSR;
```