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Permeometer computer analysis program for the Apple IIe

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Abstract

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PERMEOMETER COMPUTER
ANALYSIS PROGRAM
FOR THE APPLE IIe

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PACIFIC UNIVERSITY
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THIS PROGRAM IS AVAILABLE ON DISK AT THE OFFICE OF THE
DIRECTOR OF CLINICAL EDUCATION.

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WITHOUT HIS HELP WE WOULD NOT HAVE BEEN ABLE TO DO THIS
PROJECT.

INTRODUCTION:

THE PERMEOMETER COMPUTER ANALYSIS PROGRAM ALLOWS QUICK AND EASY CONVERSION, ASSIMILATION AND INTERPRETATION OF RAW DATA TAKEN FROM THE CONTACT LENS PERMEOMETER. THE PROGRAM ALLOWS THE USER TO CREATE A FILE FOR EACH INDIVIDUAL PATIENT. IN EACH FILE THE USER IS ABLE TO STORE DATA FOR UP TO TWENTY FIVE VISITS.

THIS DATA CONSISTS OF THE PATIENT'S PERSONAL INFORMATION, THE RAW EXPERIMENTAL DK/L VALUES FROM THE PERMEOMETER, AND OTHER CONTRIBUTING VARIABLES SUCH AS TEMPERATURE, HUMIDITY AND LENS THICKNESS. ONCE THE DATA IS STORED, OTHER APPLE DATA ANALYSIS PROGRAMS SUCH AS PFS FILE, REPORT AND GRAPH CAN BE USED TO ANALYZE IT WITHOUT REQUIRING RE-ENTRY.

SUMMARY OF PROGRAM LINES:

LINE 10-426: INTRODUCTION SCREENS
 430-490: MAIN MENU
 500-1616: OPENING A FILE (OPTION #1 MAIN MENU)
 1613-2150: READING A FILE (OPTION #2 MAIN MENU)
 2302-3170: ADDING TO A FILE (OPTION #3 MAIN MENU)
 3200-3800: VIEW A SPECIFIC VISIT (OPTION #4 MAIN MENU)
 4230-4530: DELETING A FILE (OPTION #5 MAIN MENU)
 4730-4800: LEAVING THE PROGRAM (OPTION #6 MAIN MENU)

THIS PROGRAM HAS NOT BEEN TOTALLY DE-BUGGED. THERE IS A
FILING AND RECOVERY PROBLEM ON THE DISK.

INSTRUCTIONS:

(A). THE HARDWARE NEEDED TO RUN THIS PROGRAM CONSISTS OF THE FOLLOWING:

- 1) APPLE IIe COMPUTER WITH 128K MEMORY
- 2) FORMATTED 5 1/4" DATA STORAGE DISC
- 3) PERMEOMETER MASTER PROGRAM

(B). STARTING INSTRUCTIONS:

- 1) PLACE PERMEOMETER MASTER PROGRAM INTO DRIVE #1 AND THE STORAGE DISC INTO DRIVE #2.
- 2) TURN COMPUTER AND MONITOR ON.
- 3) THIS PROGRAM IS SELF-BOOTING SO IT WILL BEGIN AUTOMATICALLY.
- 4) IF THE COMPUTER IS ALREADY TURNED ON THEN PRESS <CONTROL>, <OPEN APPLE> AND <RESET> SIMULTANEOUSLY AND THE PROGRAM WILL BEGIN.
- 5) IT IS IMPORTANT TO GIVE VALUES FOR ALL QUESTIONS ASKED SO ENTER A ZERO IF NO VALUE EXISTS.
- 6) IF THE WRONG VALUE IS TYPED, IT CAN BE CHANGED BY USING THE ARROW KEYS TO BACKSPACE.
- 7) AFTER YOU HAVE TYPED IN THE ANSWERS, PRESS <RETURN> TO COMPLETE THE ENTRY.
- 8) IF THE WRONG VALUE IS ENTERED, CONTINUE ON AND THE PROGRAM WILL GIVE YOU AN OPPORTUNITY TO CORRECT IT LATER.

DLIST

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10 PR = 0
20 D$ = CHR$(4): REM (=CTRL-D)
21 DIM N$(V),LN$(V),B1$(V),N1$(V),D1$(V),DI$(V),RL1$(V),RV1$(V),RT1$(V)
    ,RHI$(V),RK1$(V),LL1$(V),LV1$(V),LT1$(V),LH1$(V),LK1$(V)
25 HOME
30 REM : THE FIRST SCREEN AFTER INSERTION OF THE DISK
50 HTAB 16: VTAB 10: PRINT "WELCOME"
60 HTAB 17: VTAB 11: PRINT "TO THE"
70 HTAB 14: VTAB 12: PRINT "PERMEOMETER"
80 HTAB 11: VTAB 13: PRINT "COMPUTER ANALYSIS"
90 HTAB 16: VTAB 14: PRINT "PROGRAM"
95 FLASH
100 HTAB 6: VTAB 18: PRINT "PLEASE DO NOT TOUCH ANY KEYS"
110 HTAB 8: VTAB 19: PRINT "WE WILL BE STARTING SOON"
115 NORMAL
120 FOR X = 1 TO 2500: NEXT X
130 HOME
140 VTAB 6
150 PRINT "THIS PROGRAM WILL ENABLE YOU "
160 PRINT "TO EASILY ASSIMILATE, CONVERT, "
170 PRINT "AND INTERPRET THE RAW DATA FROM"
180 PRINT "THE PERMEOMETER WITHOUT HAVING"
185 PRINT "TO REENTER THE DATA."
187 VTAB 13
190 PRINT "THE DATA CAN BE ENTERED DIRECTLY "
200 PRINT "FROM THE PERMEOMETER OR FROM THE"
210 PRINT "KEYBOARD."
215 VTAB 20
220 INVERSE
225 PRINT "WHEN YOU ARE READY TO CONTINUE"
230 PRINT "PRESS (RETURN)": GET Z$
235 NORMAL
240 HOME
250 VTAB 10: PRINT "*****"
254 VTAB 14: PRINT "*****"
255 FLASH
257 VTAB 12
260 PRINT "BE SURE AND USE AN INITIALIZED DISK FOR YOUR DATA DISK!!"
262 NORMAL
263 INVERSE
265 VTAB 20: PRINT "PRESS (RETURN) TO CONTINUE": GET Z$
266 NORMAL
410 HOME
415 VTAB 12: PRINT "PLACE YOUR INITIALIZED DATA DISK INTO   DRIVE #2"
420 INVERSE
425 VTAB 18: PRINT "PRESS (RETURN) TO CONTINUE": GET Z$
426 NORMAL
430 REM FIRST MENU
431 HOME
440 HTAB 5: PRINT "*** MENU ***"
450 VTAB 3: PRINT "(1) OPEN A NEW FILE"
460 VTAB 5: PRINT "(2) READ A FILE"
470 VTAB 7: PRINT "(3) ADD TO A FILE"
480 VTAB 9: PRINT "(4) VIEW SPECIFIC VISIT"
481 VTAB 11: PRINT "(5) DELETE A FILE"
482 VTAB 13: PRINT "(6) EXIT PROGRAM"
485 VTAB 17: PRINT "SELECT THE OPTION THAT YOU WANT": VTAB 21: PRINT "N
OW PRESS RETURN"
486 VTAB 19: HTAB 11: INPUT "(1,2,3,4,5,6)";X

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487 HOME
490 ON X GOTO 520,1620,2300,3200,4200,4700
500 REM
505 REM
510 REM
515 REM OPENING A NEW FILE
520 REM NUMBER (1) ON THE MAIN MENU
525 REM
526 REM
531 REM D1$=TODAY'S DATE
532 REM N1$=PATIENT NUMBER
540 V = 1
580 VTAB 7: INPUT "PATIENT'S FULL NAME?(LAST/FIRST/MI) ";N$
585 VTAB 14: INPUT "PATIENT'S LAST NAME?";LN$
590 VTAB 21: INPUT "PATIENT'S BIRTHDATE?(MM/DD/YY)";B1$
650 REM LOOK FOR NAME
660 REM X$=LETTERS OF LAST NAME
670 REM N=#OF CHARACTERS ENTERED
690 N1$ = LEFT$(N$,2) + RIGHT$(B1$,2)
720 REM OPEN A FILE N1$
750 REM LN$=LAST NAME
760 REM N$= FULL NAME
770 REM N1$= PT.#
780 REM D1$= TODAY'S DATE
790 REM RL1$=RIGHT LENS TYPE
800 REM RV1$=RIGHT RAW VALUE
810 REM RT1$=RIGHT TEMP.
820 REM RH1$= RIGHT HUMIDITY
830 REM RK1$=RIGHT THICKNESS
840 REM
850 REM LL1$=LEFT LENS TYPE
860 REM LV1$=LEFT RAW VALUE
870 REM LT1$=LEFT TEMP.
880 REM LH1$=LEFT HUMIDITY
890 REM LK1$=LEFT THICKNESS
900 REM DI$=DOCTOR'S INITIALS
950 HOME
960 PRINT "PATIENT NUMBER: ";N1$
970 PRINT "NAME(L/F/MI): ";N$
980 PRINT "BIRTHDATE(MM/DD/YY): ";B1$
985 PRINT "VISIT NUMBER: ";V
990 VTAB 5: INPUT "TODAY'S DATE(MM/DD/YY): ";D1$(V)
1000 VTAB 7: INPUT "DOCTOR'S INITIALS: ";DI$(V)
1010 VTAB 10: INPUT "RIGHT LENS TYPE: ";RL1$(V)
1020 INPUT "RIGHT VALUE: ";RV1$(V)
1030 INPUT "RIGHT TEMP.: ";RT1$(V)
1040 INPUT "RIGHT HUMIDITY: ";RH1$(V)
1050 INPUT "RIGHT THICKNESS: ";RK1$(V)
1060 VTAB 18: PRINT "DO YOU WISH TO MAKE ANY CHANGES?"
1070 INPUT " (Y=YES,N=NO)";Q$
1080 IF Q$ = "N" THEN 1100
1090 IF Q$ = "Y" THEN 950
1100 HOME
1110 PRINT "PATIENT NUMBER: ";N1$
1120 PRINT "NAME(L/F/MI): ";N$
1130 PRINT "BIRTHDATE(MM/DD/YY): ";B1$
1140 VTAB 5: PRINT "TODAY'S DATE(MM/DD/YY): ";D1$(V)
1150 VTAB 7: INPUT "DOCTOR'S INITIALS: ";DI$(V)
1160 VTAB 10: INPUT "LEFT LENS TYPE: ";LL1$(V)
1170 INPUT "LEFT VALUE: ";LV1$(V)
1180 INPUT "LEFT TEMP.: ";LT1$(V)
1190 INPUT "LEFT HUMIDITY: ";LH1$(V)
1200 INPUT "LEFT THICKNESS: ";LK1$(V)
1210 VTAB 18: PRINT "DO YOU WISH TO MAKE ANY CHANGES?"
1220 INPUT " (Y=YES,N=NO)";Q$

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1230 IF Q$ = "N" THEN 1320
1240 IF Q$ = "Y" THEN 1250
1250 HOME
1260 PRINT "PATIENT NUMBER: ";N1$
1270 PRINT "NAME(L/F/MI): ";N$
1280 PRINT "BIRTHDATE(MM/DD/YY): ";B1$
1285 PRINT "VISIT NUMBER: ";V
1290 PRINT "TODAY'S DATE(MM/DD/YY): ";D1$(V)
1310 GOTO 1150
1320 L = LEN (LN$)
1330 IF L > 12 THEN L = 12
1340 F$ = LEFT$(LN$,L) + RIGHT$(B1$,3)
1350 PRINT D$;"OPEN"F$",S6,D2"
1360 PRINT D$;"DELETE"F$",S6,D2"
1370 PRINT D$;"OPEN"F$
1380 PRINT D$;"WRITE"F$
1390 PRINT N1$
1400 PRINT N$
1410 PRINT B1$
1415 PRINT V
1420 PRINT D1$(V)
1430 PRINT DI$(V)
1440 PRINT RL1$(V)
1450 PRINT RV1$(V)
1460 PRINT RT1$(V)
1470 PRINT RH1$(V)
1480 PRINT RK1$(V)
1490 PRINT LL1$(V)
1500 PRINT LV1$(V)
1510 PRINT LT1$(V)
1520 PRINT LH1$(V)
1530 PRINT LK1$(V)
1540 PRINT D$;"CLOSE"F$
1550 REM OPEN ANOTHER FILE
1560 HOME
1570 VTAB 12: PRINT "DO YOU WISH TO OPEN ANOTHER FILE?": VTAB 19: PRINT
"PRESS <RETURN> TO CONTINUE"
1580 VTAB 14: INPUT " (Y=YES,N=NO)";Q$
1590 HOME
1600 IF Q$ = "Y" THEN 540
1610 IF Q$ = "N" THEN 430
1611 REM
1612 REM
1613 REM READING AN EXISTING FILE
1614 REM NUMBER (2) ON THE MAIN MENU
1615 REM
1620 REM
1630 VTAB 12: PRINT "DO YOU WISH TO SEE A LIST OF FILES"
1640 VTAB 14: INPUT "AVAILABLE? (Y=YES,N=NO) ";Q$
1650 IF Q$ = "Y" THEN 1670
1660 IF Q$ = "N" THEN 1749
1670 HOME
1680 PRINT D$;"CATALOG,S6,D2"
1690 VTAB 21: INPUT "IS THE FILE YOU WISH TO SEE ON THIS LIST? (Y=YES,N
=NO)";V$
1700 IF V$ = "N" THEN 1710
1705 IF V$ = "Y" THEN 1750
1710 HOME
1720 VTAB 12: PRINT "PLACE ANOTHER FILE DISK INTO DRIVE #2"
1730 VTAB 14: PRINT "PRESS <RETURN> TO CONTINUE. ": GET Z$
1740 GOTO 1620
1749 HOME
1750 VTAB 20: PRINT "PLEASE TYPE THE NAME OF THE FILE YOU"
1752 PRINT "WISH TO SEE, EXACTLY AS IT IS LISTED "
1754 VTAB 22: PRINT "ABOVE. EG. (SMITH/44)"

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1730 INPUT F$
1810 PRINT D$;"OPEN"F$,S6,D2"
1820 PRINT D$;"READ"F$
1830 INPUT N1$,N$,B1$
1840 INPUT V,D1$(V),DI$(V),RL1$(V),RV1$(V),RT1$(V),RH1$(V),RK1$(V),LL1$(V),LV1$(V),LT1$(V),LH1$(V),LK1$(V)
1974 HOME
1975 PRINT D$;"CLOSE"F$
1980 PRINT "PATIENT NUMBER: ";N1$
1990 PRINT "NAME(L/F/MI): ";N$
2000 PRINT "BIRTHDATE(MM/DD/YY): ";B1$
2005 PRINT "VISIT #:";V
2010 VTAB 5: PRINT "DATE:"; VTAB 5: HTAB 9: PRINT D1$(V)
2020 VTAB 7: PRINT "DR.:"; VTAB 7: HTAB 12: PRINT DI$(V)
2030 VTAB 9: PRINT "OD:"
2035 PRINT "TYPE:"; VTAB 10: HTAB 11: PRINT RL1$(V)
2040 PRINT "VALUE:"; VTAB 11: HTAB 11: PRINT RV1$(V)
2050 PRINT "TEMP.:"; VTAB 12: HTAB 11: PRINT RT1$(V)
2060 PRINT "HUMID.:"; VTAB 13: HTAB 11: PRINT RH1$(V)
2070 PRINT "THICK.:"; VTAB 14: HTAB 11: PRINT RK1$(V)
2071 PRINT " "
2080 PRINT "OS:"
2085 PRINT "TYPE:"; VTAB 17: HTAB 11: PRINT LL1$(V)
2090 PRINT "VALUE:"; VTAB 18: HTAB 11: PRINT LV1$(V)
2100 PRINT "TEMP.:"; VTAB 19: HTAB 11: PRINT LT1$(V)
2110 PRINT "HUMID.:"; VTAB 20: HTAB 11: PRINT LH1$(V)
2120 PRINT "THICK.:"; VTAB 21: HTAB 11: PRINT LK1$(V)
2130 VTAB 23: INPUT "WOULD YOU LIKE TO LOOK AT ANOTHER FILE?(Y=YES,N=NO)";Q$
2140 IF Q$ = "Y" THEN 1670
2150 IF Q$ = "N" THEN 430
2300 REM
2301 REM
2302 REM ADDING TO AN EXISTING FILE
2303 REM NUMBER (3) ON THE MAIN MENU
2304 REM
2305 REM
2306 REM
2310 HOME
2320 VTAB 12: PRINT "WOULD YOU LIKE TO SEE A LIST OF THE"
2330 INPUT "AVAILABLE FILES? (Y=YES,N=NO) ";W$
2340 IF W$ = "Y" THEN 2360
2350 IF W$ = "N" THEN 2460
2360 HOME
2370 PRINT D$;"CATALOG,S6,D2"
2380 VTAB 21: PRINT "IS THE FILE YOU WISH TO ADD TO "
2385 INPUT "IN THIS LIST? (Y=YES,N=NO)";F$
2390 IF F$ = "N" THEN 2410
2400 IF F$ = "Y" THEN 2460
2410 HOME
2420 VTAB 14: PRINT "PLACE ANOTHER DATA FILE INTO DRIVE #2"
2430 PRINT "PRESS <RETURN> TO CONTINUE.": GET Z$
2440 GOTO 2310
2460 VTAB 20: PRINT "PLEASE TYPE THE NAME OF THE FILE YOU "
2462 PRINT "WISH TO ADD TO, EXACTLY AS IT IS LISTED"
2463 PRINT "ABOVE. EG. (SMITH/44) "
2470 INPUT F$
2480 PRINT D$;"APPEND"F$,S6,D2"
2500 HOME
2505 V = V + 1
2510 VTAB 5: INPUT "WHAT IS TODAY'S DATE?(MM/DD/YY)";D1$(V)
2520 VTAB 7: INPUT "DOCTOR'S INITIALS: ";DI$(V)
2530 VTAB 10: INPUT "RIGHT LENS TYPE: ";RL1$(V)
2540 INPUT "RIGHT VALUE: ";RV1$(V)
2550 INPUT "RIGHT TEMP. ";RT1$(V)

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2550 INPUT "RIGHT TEMP.: ";RT1$(V)
2560 INPUT "RIGHT HUMIDITY: ";RH1$(V)
2570 INPUT "RIGHT THICKNESS: ";RK1$(V)
2580 VTAB 18: PRINT "DO YOU WISH TO MAKE ANY CHANGES?"
2590 INPUT "      (Y=YES,N=NO)";Q$
2600 IF Q$ = "Y" THEN 2510
2610 IF Q$ = "N" THEN 2620
2620 HOME
2630 VTAB 10: INPUT "LEFT LENS TYPE: ";LL1$(V)
2640 INPUT "LEFT VALUE: ";LV1$(V)
2650 INPUT "LEFT TEMP.: ";LT1$(V)
2660 INPUT "LEFT HUMIDITY: ";LH1$(V)
2670 INPUT "LEFT THICKNESS: ";LK1$(V)
2680 VTAB 18: PRINT "DO YOU WISH TO MAKE ANY CHANGES?"
2690 INPUT "      (Y=YES,N=NO)";Q$
2700 IF Q$ = "Y" THEN 2620
2710 IF Q$ = "N" THEN 2720
2720 PRINT D$"WRITE "F$
2725 PRINT V
2730 PRINT D1$(V)
2740 PRINT DI$(V)
2750 PRINT RL1$(V)
2760 PRINT RV1$(V)
2770 PRINT RT1$(V)
2780 PRINT RH1$(V)
2800 PRINT RK1$(V)
2810 PRINT LL1$(V)
2820 PRINT LV1$(V)
2830 PRINT LT1$(V)
2840 PRINT LH1$(V)
2850 PRINT LK1$(V)
2890 PRINT D$;"CLOSE"F$
2900 PRINT "THE FILE HAS BEEN UPDATED"
2901 HOME
2903 VTAB 4: HTAB 22: PRINT V
2905 VTAB 5: HTAB 20: PRINT D1$(V)
2906 VTAB 7: HTAB 23: PRINT DI$(V)
2907 VTAB 10: HTAB 23: PRINT RL1$(V)
2908 VTAB 11: HTAB 22: PRINT RV1$(V)
2909 VTAB 12: HTAB 22: PRINT RT1$(V)
2910 VTAB 13: HTAB 22: PRINT RH1$(V)
2911 VTAB 14: HTAB 22: PRINT RK1$(V)
2912 VTAB 17: HTAB 23: PRINT LL1$(V)
2913 VTAB 18: HTAB 22: PRINT LV1$(V)
2914 VTAB 19: HTAB 22: PRINT LT1$(V)
2915 VTAB 20: HTAB 22: PRINT LH1$(V)
2916 VTAB 21: HTAB 22: PRINT LK1$(V)
2920 PRINT D$;"OPEN"F$,"S6,D2
2930 PRINT D$;"READ"F$
2935 INPUT N1$,N$,B1$
2940 INPUT V,D1$(V - 1),DI$(V - 1),RL1$(V - 1),RV1$(V - 1),RT1$(V - 1),
    RH1$(V - 1),RK1$(V - 1),LL1$(V - 1),LV1$(V - 1),LT1$(V - 1),LH1$(V -
    1),LK1$(V - 1)
2964 PRINT D$;"CLOSE"F$
2970 VTAB 1: PRINT "PATIENT NUMBER: ";N1$
2980 VTAB 2: PRINT "NAME(L/F/MI): ";N$
2990 VTAB 3: PRINT "BIRTHDATE(MM/DD/YY): ";B1$
2995 VTAB 4: PRINT "VISIT #: ";V
3000 VTAB 5: PRINT "DATE: "; VTAB 5: HTAB 9: PRINT D1$(V - 1)
3010 VTAB 7: PRINT "DR.": VTAB 7: HTAB 12: PRINT DI$(V - 1)
3020 VTAB 9: PRINT "OD."
3030 PRINT " TYPE: "; VTAB 10: HTAB 12: PRINT RL1$(V - 1)
3040 PRINT " VALUE:": VTAB 11: HTAB 11: PRINT RV1$(V - 1)
3050 PRINT " TEMP.:"; VTAB 12: HTAB 11: PRINT RT1$(V - 1)
3060 PRINT " HUMID:": VTAB 13: HTAB 11: PRINT RH1$(V - 1)

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3070 PRINT " THICK:": VTAB 14: HTAB 11: PRINT RK1$(V - 1)
3080 PRINT " "
3090 PRINT "OS:"
3100 PRINT " TYPE :": VTAB 17: HTAB 12: PRINT LL1$(V - 1)
3110 PRINT " VALUE:": VTAB 18: HTAB 11: PRINT LV1$(V - 1)
3120 PRINT " TEMP.:": VTAB 19: HTAB 11: PRINT LT1$(V - 1)
3130 PRINT " HUMID:": VTAB 20: HTAB 11: PRINT LH1$(V - 1)
3140 PRINT " THICK:": VTAB 21: HTAB 11: PRINT LK1$(V - 1)
3150 VTAB 23: INPUT "WOULD YOU LIKE TO ADD TO ANOTHER FILE? (Y=YES,N
=NO)";Q$
3160 IF Q$ = "N" THEN 430
3170 IF Q$ = "Y" THEN 2300
3180 REM
3190 REM
3200 REM VIEWING A SPECIFIC VISIT
3205 REM NUMBER (4) ON THE MAIN MENU
3210 REM
3220 REM
3230 HOME
3240 PRINT "WHICH VISIT NUMBER DO YOU WISH TO SEE THE DATA FROM?
3250 INPUT "PLEASE TYPE THE NUMBER ONLY: ";R
3260 HOME
3270 PRINT D$;"CATALOG,S6,D2"
3280 VTAB 21: INPUT "IS THE FILE YOU WISH TO SEE ON THIS LIST? (Y=YES,N
=NO)";V$
3290 IF V$ = "N" THEN 3310
3300 IF V$ = "Y" THEN 3350
3310 HOME
3320 VTAB 12: PRINT "PLACE ANOTHER FILE DISK INTO DRIVE #2"
3330 VTAB 14: PRINT "PRESS <RETURN> TO CONTINUE. ";GET Z$
3340 GOTU 3200
3350 HOME
3360 VTAB 20: PRINT "PLEASE TYPE THE NAME OF THE FILE YOU "
3370 PRINT "WISH TO SEE, EXACTLY AS IT IS LISTED "
3380 VTAB 22: PRINT "ABOVE. EG. (SMITH/44)"
3390 INPUT F$
3400 PRINT D$;"OPEN"F$,"S6,D2"
3410 PRINT D$;"READ"F$
3420 R = V
3430 INPUT N1$,N$,B1$
3440 INPUT V,D1$(V),D1$(V),RL1$(V),RV1$(V),RT1$(V),RH1$(V),RK1$(V),LL1$
(V),LV1$(V),LT1$(V),LH1$(V),LK1$(V)
3570 HOME
3580 PRINT D$;"CLOSE"F$
3590 PRINT "PATIENT NUMBER: ";N1$
3600 PRINT "NAME(L/F/MI): ";N$
3610 PRINT "BIRTHDATE(MM/DD/YY): ";B1$
3620 PRINT "VISIT NUMBER: ";V
3630 VTAB 5: PRINT "DATE:": VTAB 5: HTAB 9: PRINT D1$(V)
3640 VTAB 7: PRINT "DR.": VTAB 7: HTAB 12: PRINT DI$(V)
3650 VTAB 9: PRINT "OD:"
3660 PRINT " TYPE:": VTAB 10: HTAB 11: PRINT RL1$(V)
3670 PRINT " VALUE:": VTAB 11: HTAB 11: PRINT RV1$(V)
3680 PRINT " TEMP.:": VTAB 12: HTAB 11: PRINT RT1$(V)
3690 PRINT " HUMID:": VTAB 13: HTAB 11: PRINT RH1$(V)
3700 PRINT " THICK:": VTAB 14: HTAB 11: PRINT RK1$(V)
3710 PRINT " "
3720 PRINT "OS:"
3730 PRINT " TYPE:": VTAB 17: HTAB 11: PRINT LL1$(V)
3740 PRINT " VALUE:": VTAB 18: HTAB 11: PRINT LV1$(V)
3750 PRINT " TEMP.:": VTAB 19: HTAB 11: PRINT LT1$(V)
3760 PRINT " HUMID:": VTAB 20: HTAB 11: PRINT LH1$(V)
3770 PRINT " THICK:": VTAB 21: HTAB 11: PRINT LK1$(V)
3780 VTAB 23: INPUT "WOULD YOU LIKE TO LOOK AT ANOTHER FILE?(Y=YES,N=NO
)";Q$

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3780 VTAB 23: INPUT "WOULD YOU LIKE TO LOOK AT ANOTHER FILE?(Y=YES,N=NO
)";Q$
3790 IF Q$ = "Y" THEN 3230
3800 IF Q$ = "N" THEN 430
4200 REM
4210 REM
4220 REM
4230 REM DELETING A FILE
4240 REM OPTION NUMBER (5) ON THE MENU
4250 REM
4260 REM
4270 REM
4280 HOME
4290 VTAB 12: PRINT "DO YOU WISH TO SEE A LIST OF FILES"
4300 VTAB 14: INPUT "AVAILABLE? (Y=YES,N=NO) ";Q$
4310 IF Q$ = "Y" THEN 4325
4320 IF Q$ = "N" THEN 4420
4325 HOME
4330 PRINT D$;"CATALOG,S6,D2"
4340 VTAB 24: INPUT "IS THE FILE YOU WISH TO DELETE ON THIS LIST? (Y=YE
S,N=NO) ";U$
4350 IF U$ = "N" THEN 4370
4360 IF U$ = "Y" THEN 4420
4370 HOME
4380 VTAB 12: PRINT "PLACE ANOTHER FILE DISK INTO DRIVE #2"
4390 VTAB 14: PRINT "PRESS <RETURN>TO CONTINUE "; GET Z$
4400 GOTO 4290
4410 HOME
4420 VTAB 21: PRINT "PLEASE TYPE THE NAME OF THE FILE EXACTLY AS IT IS
LISTED "
4430 INPUT "ABOVE. EG. (SMITH/44)";W$
4435 PRINT " "
4440 INPUT "ARE YOU SURE THAT YOU WANT TO DELETE THIS FILE? ";Y$
4450 IF Y$ = "Y" THEN 4470
4460 IF Y$ = "N" THEN 4505
4470 PRINT D$"DELETE"W$
4475 PRINT " "
4480 INPUT "WOULD YOU LIKE TO DELETE ANOTHER FILE? ";P$
4490 IF P$ = "Y" THEN 4200
4500 IF P$ = "N" THEN 430
4505 PRINT " "
4510 INPUT "WOULD YOU LIKE TO GO BACK TO THE MAIN MENU?";T$
4520 IF T$ = "Y" THEN 430
4530 IF T$ = "N" THEN 4200
4700 REM
4710 REM
4720 REM
4730 REM LEAVING THE PROGRAM
4740 REM NUMBER (6) ON THE MAIN MENU
4780 HOME
4790 PRINT "GOODBYE!"
4800 END

```