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0 '#TRACT - Transaction file maintenance and account post +
ins - Thor - 3/27/80
2 CLEAR:CLEAR5000:ON ERROR GOTO 0
5 DIM TX$(20),TX(20),IV$(20),FD$(10),LD$(20),ES$(20,2)
8 IFPEEK(59001!)<>45THENUNLOAD:MOUNT:RUN"PROGRAM",1
9 DEF FNN$(A)=MID$(STR$(A),2)
10 DEF FNL$(A,B)=RIGHT$(STRING$(B,48)+FNN$(A),B)
12 DEF FNP$(CD$,A,B)=STR$(ASC(MID$(CD$,A,1))-B)
14 DEF FNC(CD$)=VAL(FNP$(CD$,1,47)+FNP$(CD$,2,47))
16 DEF FND(CD$)=VAL(FNP$(CD$,1,64)+FNP$(CD$,2,64)+MID$(CD +
$,3,1))
18 DEF FNF$(A$,A)=LEFT$(A$+SPACE$(A),A)
19 DEF FNQ$(A$)=CHR$(34)+A$+CHR$(34)
20 RESTORE:NN=-1:SP$=SPACE$(8)
30 READ A$,B$:IF A$<>"END" THEN NN=NN+1:TX$(NN)=A$:TX(NN)= +
B$:GOTO 30
35 NN=10
40 CLOSE9:OPEN"R",9,"<DATE>",1:FIELI9,BASID$,2ASID1$,3ASD2 +
$,40ASD3$:GET9,1:DC$=IT$:IF VAL(D2$)>0 THEN DQ$=LEFT$(D3 +
$,VAL(D2$)):CLOSE9 ELSE DQ$=""":CLOSE 9
42 IW$=DQ$+" "+DC$+"":DZ$=IW$:FORA=1TOLEN(DZ$):IF MID$(D +
Z$,A,1)>"_" THEN MID$(DZ$,A,1)=CHR$(ASC(MID$(DZ$,A,1))-32) +
:NEXT A ELSE NEXT A
45 CLOSE6:OPEN"R",6,"<CRG-CD>",1:FIELI6,BAS CA$,BAS CB$,2 +
OAS CK$
47 CLOSE7:OPEN"R",7,"<DOC-CD>",1:FIELI7,BASMA$,24ASMB$
50 READ TF:A=0:TF$=""
55 READ A$:IF A$<>"END" THEN A=A+1:FD$(A)=A$:TF$=TF$+LEFT +
$(A$,1):GOTO 55
60 CLOSE4:OPEN"R",4,"<BOUNDS>",1:FIELI4,BASFF$,BASSS$
70 I=PEEK(60000!):POKE 60000!,0:POKE 59999!,0
75 ON I+1 GOTO 90,80,90,6000,7000
80 GOSUB 50010:PRINT "?Program may not be started CCL":END
90 CLOSE3,10:GOSUB 50010:C$="** Master file new patient d +
sily update program **":GOSUB50140
92 C$="** Transaction date is "+IW$+" **":GOSUB 50140
95 GOSUB 10300
100 PRINT "Input the patient code to add/replace or one o +
f the commands"
110 LINEINPUT "(INIT,EDIT,REPORT,POST,END)": ;CM$
115 CC$=MID$(CM$,2,1):IF CC$>="0" AND CC$<="9" THEN 150
120 CM=0:IF CM$="END" THEN CM=-1 ELSE CM$=LEFT$(CM$,1):IF +
CM$<>"" THEN CM=INSTR("IERP",CM$)
130 IF CM=0 THEN OUT17,7:GOTO 90 ELSE IF CM=-1 THEN RUN " +
PROGRAM",1
140 ON CM GOTO 1000,2000,3000,4000
150 IF INSTR("ACEMTS",LEFT$(CM$,1))=0 THEN OUT 17,7:GOTO 90
160 PT$=LEFT$(CM$,1)+FNL$(VAL(MID$(CM$,2)),6)
180 FOR I=1 TO 12:IV$(I)=""":NEXT I
190 IV$(0)=PT$:IV$(8)=DC$:IV$(9)="1"
200 GOSUB 50010:ES=0:GOSUB 10000:ES=8:GOSUB 10000
220 FOR T=1 TO NN:IF T=8 THEN NEXT T
227 X=1:Y=NN+4:GOSUB 50020

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230 ES=T:GOSUB 10100:IF T=7 AND LEFT$(IV$(T),1)="Z" THEN +
X=1:Y=NN+4:GOSUB 50020:ES=11:GOSUB 10100
235 NEXT T
240 X=1:Y=NN+4:GOSUB50020:GOSUB 50040:LINEINPUT "Input fi +
eld to edit (or return): ";E$
250 IF E$="" THEN 300
260 V=VAL(E$):IF V<0 OR V>11 THEN OUT 17,7:GOTO 240
270 OL$=IV$(V):GOSUB 50020:GOSUB 50040:ES=V:GOSUB 10100
272 IF V=7 THEN IV$(11)="" ;X=1:Y=12:GOSUB50020:GOSUB50030 +
;IF LEFT$(IV$(V),1)="Z" THEN X=1:Y=NN+4:ES=11:GOSUB50020 +
:GOSUB 10100
275 IF ES<>0 THEN 240
280 IF IV$(0)=""ORINSTR("ACEMTS",LEFT$(IV$(0),1))=0 THEN +
IV$(0)=OL$:ES=0:GOSUB10000:GOTO 240
285 F$=MID$(IV$(0),2,1):IF F$<"0" OR F$>"9" THEN IV$(0)="" +
:GOTO 280
290 OL$=LEFT$(IV$(0),1)+FNL$(VAL(MID$(IV$(0),2)),6):IV$(0 +
)="" :GOTO 280
300 CLOSE3:FL$=LEFT$(IV$(0),1):IF FL$="E" THEN FL$="S"
305 OPEN "R",3,"<" +FL$+"UR,FL>",1
307 FIELD3,8ASLD$(1),4ASLD$(2),20ASLD$(3),14ASLD$(4),20AS +
LD$(5),20ASLD$(6),4ASLD$(7),6ASLD$(8),8ASLD$(9),2ASLD$(1 +
0),4ASLD$(11),18ASLD$(12)
310 RD=VAL(MID$(IV$(0),2))
320 RC=100000!-RD:IF RD<40000!THENRC=40000!-RDELSEIFRD<700 +
00!THENRC=70000!-RD
321 T#=IV$(7):G$=LEFT$(T#,1):IF G$>"Z" OR G$<"0" THEN OUT +
17,7:GOTO240 ELSE G$=MID$(T#,2,1):IF G$>"Z" OR G$<"0" TH +
EN OUT 17,7:GOTO 240
323 T#=IV$(1):G$=LEFT$(T#,1):IF G$>"Z" OR G$<"A" THEN OUT +
17,7:GOTO240 ELSE G$=MID$(T#,2,1):IF G$>"Z" OR G$<"A" TH +
EN OUT 17,7:GOTO 240
325 GET 6,FNC(IV$(7)):GET 7,FND(IV$(1))
330 IF CA$<>FNF$(IV$(7),8) THEN PRINT CHR$(7); "No such c +
haracter code":GOTO 240
340 IF MA$<>FNF$(IV$(1),8) THEN PRINT CHR$(7); "No such d +
actor code":GOTO 240
350 GET 3,RC
360 IF IV$(11)="" THEN IV$(11)=CR$
370 PRINT "Patient #: IV$(0)
380 PRINT "Doctor #: ME$
390 PRINT "Service "CK$" charge "IV$(11)
400 FOR A=0 TO 10:LSET LD$(A+1)=IV$(A):NEXT A
410 LSET LD$(12)=MKD$(VAL(IV$(11)+"#")):PUT 3,RC
420 F=INSTR("ACMTSE",LEFT$(IV$(0),1)):IF F=6 THEN F=5
430 GET 4,F
440 SP$=SPACE$(8):S1$=MID$(SS$,2):F1$=MID$(FF$,2):R1$=MID +
$(IV$(0),2)
450 IF FF$=SP$ AND SS$=FF$ THEN LSET FF$=IV$(0):LSET SS$= +
IV$(0):PUT 4,F:GOTO 90
460 IF R1$<=F1$ THEN LSET FF$=IV$(0):PUT 4,F:GOTO 90
470 IF R1$>=S1$ THEN LSET SS$=IV$(0):PUT 4,F:GOTO 90
480 CLOSE3:GOTO 90
1000 GOSUB 50010:RR=0

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1010 PRINT
1020 LINEINPUT "Which file do you wish to initialize (A,C +
,M,T,S,END): ";HU$
1025 IF HU$="" THEN 1000
1030 IF HU$="END" THEN 90
1040 FR$=LEFT$(HU$,1):IF INSTR("ACEMTS",FR$)=0 THEN 1000
1050 F$="<" + FR$ + "UR.FL>":PRINT
1060 C$="Initializing transaction file "+F$:GOSUB 50140
1070 CLOSE10:OPEN"R",10,F$,1:CLOSE10:KILL F$,1
1080 OPEN"R",10,F$,1:CLOSE10
1085 R=INSTR("ACMTSE",FR$)
1090 GET 4,R
1100 LSET SS$=" ";LSET FF$=" ";PUT 4,R
1110 IF RR THEN RETURN ELSE GOTO 90
2000 GOSUB 50010
2010 LINEINPUT "Input patient number to edit or RETURN: " +
;HU$
2020 IF HU$="" THEN 90
2030 IF INSTR(TF$,LEFT$(HU$,1))=0 THEN OUT 17,7:GOTO 2000
2040 QS$=MID$(HU$,2,1):IF QS$<"0" OR QS$>"9" THEN OUT 17, +
7:GOTO 2000
2050 FL$=LEFT$(HU$,1):PN=VAL(MID$(HU$,2)):IF PN=0 THEN OU +
T 17,7:GOTO 2000
2060 CLOSE1:OPEN"R",1,"<" + FL$ + "UR.FL>",1
2070 FIELD 1,BASLD$(1),4ASLD$(2),20ASLD$(3),14ASLD$(4),20 +
ASLD$(5),20ASLD$(6),4ASLD$(7),6ASLD$(8),BASLD$(9),2ASLD$ +
(10),4ASLD$(11),18ASLD$(12)
2080 RD=PN
2090 RC=100000!-RD:IF RD<40000!THEN RC=40000!-RD ELSE IF RD<70 +
000!THEN RC=70000!-RD
2100 GET 1,RC:GOSUB 50010
2110 FOR A=1 TO 11
2120 IV$(A-1)=LD$(A)
2125 ES=A-1:GOSUB 10000
2130 NEXT A
2140 IV$(11)=STR$(CVD(LD$(12))):ES=11:GOSUB 10010
2150 X=1:Y=NN+4:GOSUB 50020:GOSUB 50040:LINEINPUT "Input fi +
eld to edit (or RETURN): ";E$
2160 IF E$="" THEN 2500
2170 V=VAL(E$):IF V<=0 OR V>11 THEN OUT 17,7:GOTO 2150
2180 OL$=IV$(V):GOSUB 50020:GOSUB 50040:ES=V:GOSUB 10100
2190 GOTO 2150
2500 FOR A=0 TO 10:LSET LD$(A+1)=IV$(A):NEXT A
2510 LSET LD$(12)=MKID$(VAL(IV$(11)+"#")):PUT 1,RC
2520 CLOSE1:GOTO 2000
3000 TT$="DAILY TRANSACTION INPUT CONTROL LISTING FOR "+D +
Z$:PK=0:AL=0:NB=2
3003 OUT17,7:LINEINPUT " [Make sure that the 132 wide +
green bar paper is in printer and RETURN]";HU$
3010 CLOSE1:OPEN "O",1,"-PTLIST-",1
3025 PRINT:PRINT:C$="** Now preparing listing **":GOSUB 5 +
0140:PRINT:C$=TT$:GOSUE 50140
3030 ES=0:FOR A=1 TO TF:GET 4,A
3040 IF SS$=SP$ OR FF$=SF$ THEN 3060

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3050 ES=ES+1:ES$(ES,1)=FF$:ES$(ES,2)=SS$  
3060 NEXT A  
3065 IF ES=0 THEN OUT 17,7:GOTO 90  
3070 PRINT #1,9+(3*ES)  
3080 PRINT #1,FNQ$("TRACT"),1  
3090 PRINT #1,NB,FNQ$("TRACT"),1  
3100 PRINT #1,FNQ$(" "):PRINT #1,FNQ$(" "):PRINT #1,FNQ$(" ")  
3105 PRINT #1,ES  
3110 FOR A=1 TO ES  
3120 PRINT #1,FNQ$(ES$(A,1)),FNQ$(ES$(A,2)),FNQ$("1")  
3130 NEXT A  
3140 PRINT #1,TT$  
3150 PRINT #1,AL  
3160 POKE 60000!,1:POKE 59999!,PK  
3170 CLOSE:RUN "#PTLIS",1  
4000 TT$="DAILY ACCOUNTS RECIEVABLE LISTING FOR "+IDZ$:PK= +  
1:AL=0:NB=3  
4010 GOTO 3010  
6000 TT$="DAILY RECIEVED PATIENT ALPHA LISTING FOR "+IDZ$: +  
PK=0:AL=-1:NB=4  
6010 GOSUB 50010:GOTO 3010  
7000 GOSUB 50010:PRINT:PRINT  
7010 C$="Now Postins all Transactions for "+DC$:GOSUB 50140  
7020 X=1:Y=5  
7030 LU=5  
7040 FOR PG=1 TO LU:Y=4+PG  
7050 C$="Now Postins accounts to the master "+FD$(PG):GOS +  
UB 50020:GOSUB 50040  
7060 GOSUB 50140  
7070 T$="Now Postins account: ":TL=LEN(T$)+8  
7080 Y=5+PG:GOSUB 50020  
7090 PRINT TAB((WD-TL)/2):T$::PN$=""  
7100 GET 4,PG:IF SS$=SPACE$(8) OR FF$=SPACE$(8) THEN 7500  
7110 F1=VAL(MID$(FF$,2)):F2=VAL(MID$(SS$,2))  
7120 F$=LEFT$(FD$(PG),1):F1$="<"+F$+"UR,FL>"  
7130 IF F$="C" THEN F2$="" ELSE F2$="<"+F$+",MAS>"  
7140 CLOSE1,2  
7150 OPEN "R",1,F1$,1:FIELD 1,128AS ET$  
7160 OPEN "R",2,F2$,0:FIELD 2,128AS E2$  
7170 FOR FT=F1 TO F2  
7180 RC=100000!-FT:IF PT<40000!THEN RC=40000!-FT ELSE IF PT<70 +  
000!THEN RC=70000!-FT  
7190 GET 1,RC  
7200 RV$=LEFT$(ET$,8)  
7210 IF VAL(MID$(RV$,2))<PT THEN 7400  
7220 IF FN$="" THEN 7240  
7230 FOR A=1 TO LEN(PN$):OUT 17,8:OUT 17,32:OUT 17,8:NEXT A  
7240 PN$=RV$:FOR A=1 TO LEN(PN$):OUT 17,ASC(MID$(PN$,A,1)) +  
):NEXT A  
7250 LSET E2$=ET$:PUT 2,RC 'POST IT  
7400 NEXT PT:PRINT:X=1:Y=4+PG:CLOSE1,2:C$="All accounts ha +  
ve been posted to master "+FD$(PG):GOSUB 50020:GOSUB 50040 +  
:GOSUB 50140  
7410 GOTO 7600
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7500 PRINT:X=1:Y=4+PG:CLOSE1,2:C$="No accounts to be post +  
ed to master "+FD$(PG):GOSUB50020:GOSUB 50040:GOSUB 50140  
7600 NEXT PG  
7610 OPEN "O",1,"(BOUNDS)",1  
7620 ES=0:FOR A=1 TO TF:GET 4,A  
7630 IF SS$=SPACE$(8) OR FF$=SPACE$(8) THEN 7650  
7640 ES=ES+1:ES$(ES,1)=FF$:ES$(ES,2)=SS$  
7650 NEXT A  
7660 PRINT #1,ES  
7670 FOR A=1 TO ES:PRINT #1,ES$(A,1);",";ES$(A,2):NEXT A  
7680 CLOSE 1  
7690 Y=11:GOSUB 50020:GOSUB 50040  
7700 FOR PG=1 TO ES:RR=-1  
7710 FR$=LEFT$(ES$(PG,1),1):IF FR$="E" THEN FR$="S"  
7720 GOSUB 1050  
7730 Y=11:GOSUB 50020:GOSUB 50040  
7740 NEXT PG  
7750 POKE60000!,2:RUN "#AUTO",1  
10000 IF ES=11 THEN 10010 ELSE X=1:Y=ES+1:GOSUB 50020:GOS +  
UB 50030:IF CT THEN CT=0:RETURN ELSE PRINT TX$(ES);:X=25 +  
:GOSUB 50020:PRINT IV$(ES):RETURN  
10010 X=1:Y=ES+1:GOSUB 50020:GOSUB 50030:IF CT THEN CT=0: +  
RETURN ELSE PRINT TX$(ES);:X=25:GOSUB 50020:PRINT USING +  
"###.##";VAL(IV$(ES)):RETURN  
10100 GOSUB 50030:PRINT TX$(ES);:X=25+TX(ES):GOSUB 50020: +  
OUT 17,62  
10110 X=24:GOSUB 50020:LINEINPUT "<";IN$:IF IN$<>" " THEN +  
IV$(ES)=LEFT$(IN$,TX(ES))  
10120 GOTO 10000  
10300 PRINT:SP$=SPACE$(8)  
10310 FOR A=1 TO TF  
10320 GET 4,A  
10330 PRINT TAB(10);FI$(A);TAB(35);  
10340 IF SS$=FF$ AND SS$<>SP$ THEN PRINT TAB(45);FF$  
10350 IF SS$=SP$ AND FF$=SP$ THEN PRINT "No numbers in bo +  
oundary"  
10360 IF (SS$=SP$ AND FF$<>SP$) OR (FF$=SP$ AND SS$<>SP$) +  
THEN PRINT  
    "Not properly initialized"  
10370 IF SS$<>FF$ AND SS$<>SP$ AND FF$<>SP$ THEN PRINT FF +  
$;TAB(45);SS$  
10380 NEXT A  
10390 PRINT  
10400 RETURN  
40000 DATA #0 - Patient number,8  
40010 DATA #1 - Doctor code,4  
40020 DATA #2 - Name of patient,20  
40030 DATA #3 - Incare of,14  
40040 DATA #4 - Street address,20  
40050 DATA #5 - City, state, zip",20  
40060 DATA #6 - Age,4  
40070 DATA #7 - Charge code,6  
40080 DATA #8 - Date of service,8  
40090 DATA #9 - Billing status,2
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40100 DATA #10 - Comment code,1
40105 DATA #11 - Service charge,10
40110 DATA END,0
40200 'This is the format of the Daily Boundary file
40210 '6 Words, thusly
40220 '1 - 6 corresponds with A,C,M,T,S,E (E - Not used)
40250 'Fields are arranged thusly: BASF$,BASS$
40260 'Where F$ is the first, S$ is the last
40270 'if the boundary is empty both will be spaces
40280 'if the boundary is a single element, they will be +
the same
40290 'The individual department bounds be empty when ini +
tialized
40300 'Field declarations are as follows:
40305 'Five legal fields since E file is dead
40307 DATA 5
40310 DATA Autopsy file
40315 DATA Cytology file
40320 DATA Miscellaneous file
40325 DATA Transportation file
40330 DATA Surgical file
40335 DATA Extra-Vaginal file
40340 DATA END
50000 'CURS - CURSUR AND LINE PRINTER CONTROL - THOR
50010 OUT 17,27:OUT 17,42:WAIT 16,2:RETURN 'CLEAR SCREEN
50020 OUT 17,27:OUT 17,61:OUT 17,31+Y:OUT 17,31+X:WAIT16, +
2:WAIT 16,2:RETURN 'MOVE TO X,Y
50030 OUT 17,27:OUT 17,84:WAIT 16,2:RETURN 'LINE ERASE
50040 OUT 17,27:OUT 17,89:WAIT 16,2:WAIT16,2:WAIT16,2:RET +
URN 'PAGE ERASE
50050 OUT 17,30:WAIT 16,2:RETURN 'GO HOME
50060 GOSUB50020:OUT17,13:WAIT16,2:GOT050030 'GOTO X,Y AN +
D CLEAR LINE
50070 GOSUB50020:GOT050050 'GOTO X,Y AND CLEAR RIGHT AND +
DOWN
50080 GOSUB 50120:LP=0:RETURN 'SET PERM TERM TO TTY
50090 GOSUB 50130:LP=-1:RETURN 'SET PERM TERM TO LPT
50100 IF LP THEN 50130 ELSE 50120 'SET TO PERM TERM
50110 IF LP THEN OUT 17,12:RETURN ELSE RETURN 'TOP OF FOR +
M IF ON LPT
50120 WD=79:CONSOLE16,1:WIDTHWD:NULL0:RETURN 'SET TEMP TE +
RM TO TTY
50130 WD=132:CONSOLE18,1:WIDTHWD:NULL3:RETURN 'SET TEMP T +
ERM TO LPT
50140 IFWD=0THEN GOSUB50080 'PRINT C$ CENTERED PLUS D$ AT D
50150 PRINTSTRING$(ABS((WD-LEN(C$))/2),32):C$:TAB(D):D$:C +
$=""":D$=""":D=0:RETURN
50160 IFBL<=0THEN RETURN ELSE FORB9=1TOBL:PRINT:NEXTB9:RETUR +
N 'BL BLANKS
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