ASSIST/I Version 2.03, Copyright 1984, BDM Software. GRADE RUN FOR:

PROGRAM PROLOGUE PAGE 1

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

2 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

3 \* MICHAEL BEAVER \*

4 \* CS 310, SPRING 2013 \*

5 \* PROGRAM 7 \*

6 \* DUE: MAY 1, 2013 \*

7 \* \*

8 \* DESCRIPTION: \*

9 \* THIS PROGRAM EXPECTS AS INPUT A FILE CONTAINING AN UNKNOWN \*

10 \* NUMBER OF LINES FOLLOWING A SPECIFIC FORMAT. THE LINES SHOULD \*

11 \* BEGIN IN COLUMN 1 WITH A TRAN. CODE: 0 IMPLIES INITIAL BALANCE, \*

12 \* 1 IMPLIES A DEPOSIT, 2 IMPLIES A WITHDRAWAL, AND 3 IMPLIES \*

13 \* INTEREST IS TO BE CALCULATED. FOR CODES 0-2, A 9 DIGIT NUMBER \*

14 \* (COLUMNS 2-10) WILL FOLLOW AFTER THE TRAN. CODE. NUMBERS \*

15 \* SHOULD BE RIGHT JUSTIFIED WITH LEADING BLANKS OR ZEROS. FOR \*

16 \* CODE 3, A 3 DIGIT INTEREST RATE WILL FOLLOW THE TRAN. CODE. \*

17 \* FOR CODES 0-2, THE NUMBERS REPRESENT, IN CENTS, THE AMOUNT TO \*

18 \* ACT UPON. FOR CODE 3, THE NUMBER REPRESENTS THE INTEREST RATE \*

19 \* USED IN CALCULATING THE INTEREST FOR THE BALANCE. THE PROGRAM \*

20 \* PERFORMS THE VARIOUS ACTIONS, AS SPECIFIED BY THE TRAN. CODE, \*

21 \* AND OUTPUTS THE ACTIONS AND CORRESPONDING VALUES IN A TABLE. \*

22 \* FINALLY, THE TOTAL NUMBER OF DEPOSITS, TOTAL AMOUNT DEPOSITED, \*

23 \* THE AVERAGE DEPOSIT AMOUNT, THE NUMBER OF WITHDRAWALS, THE TOTAL\*

24 \* AMOUNT WITHDRAWN, THE AVERAGE WITHDRAWAL AMOUNT, AND THE CURRENT\*

25 \* BALANCE ARE ALL DISPLAYED UNDER THE AFOREMENTIONED TABLE. THIS \*

26 \* VERSION OF THE PROGRAM NOW ALLOWS FOR MULTIPLE ACCOUNTS. A NEW \*

27 \* ACCOUNT REPORT IS GENERATED WHENEVER A TRAN. CODE OF 0 IS \*

28 \* ENCOUNTERED IN THE DATA FILE. \*

29 \* \*

30 \* NOTE: \*

31 \* THE GENERATED PRT FILE MAY BE QUITE LONG, SO BE SURE TO ADJUST \*

32 \* YOUR ASSIST/I OPTIONS AS APPROPRIATE. \*

33 \* \*

34 \* INTERNAL SUBROUTINES: \*

35 \* READDATA: TAKE IN INPUT AND CALL SUBROUTINES BASED ON TRAN. CODE\*

36 \* INITMEM: INITIALIZE PACKED MEMORY TO ZEROS FOR ARITHMETIC \*

37 \* INITBAL: SET THE INITIAL ACCOUNT BALANCE AND MINIMUM BALANCE \*

38 \* DEPOSIT: DEPOSIT A SPECIFIED AMOUNT INTO THE ACCOUNT \*

39 \* WITHDRAW: WITHDRAW AN AMOUNT FROM THE BALANCE AND SET MIN. BAL. \*

40 \* INTEREST: CALCULATE AND APPLY INTEREST BASED ON A GIVEN RATE \*

41 \* PRNTSTAT: PRINT ALL ACCOUNT STATISTICS (VIA SUBROUTINES) \*

42 \* PRNTNDEP: PRINT THE NUMBER OF DEPOSITS MADE \*

43 \* PRNTTDEP: PRINT THE TOTAL AMOUNT DEPOSITED INTO THE ACCOUNT \*

44 \* PRNTDAVG: PRINT THE AVERAGE AMOUNT PER DEPOSIT \*

45 \* PRNTNWDR: PRINT THE NUMBER OF WITHDRAWALS MADE \*

46 \* PRNTTWDR: PRINT THE TOTAL AMOUNT WITHDRAWN FROM THE ACCOUNT \*

47 \* PRNTWAVG: PRINT THE AVERAGE AMOUNT PER WITHDRAWAL \*

48 \* PRNTCBAL: PRINT THE CURRENT BALANCE \*

49 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

MAIN PROGRAM PAGE 2

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

51 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

52 \* REGISTER KEY: \*

53 \* REG2: USED TO INITIALIZE NUMBER OF ACCOUNTS TO ZERO \*

54 \* REG10: USED TO CALL THE MEMORY INITIALIZATION SUBROUTINE \*

55 \* REG11: USED TO CALL THE MAIN DATA PROCESSING SUBROUTINE \*

56 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

000000 57 MBPROG7 START

000000 90EC D00C 0000C 58 STM 14,12,12(13) BEGINNING HOUSEKEEPING

000004 05C0 59 BALR 12,0

000006 60 USING SAVING,12

000006 50D0 C03E 00044 61 SAVING ST 13,SAVEAREA+4

00000A 41D0 C03A 00040 62 LA 13,SAVEAREA

00000E 4120 0000 00000 64 LA 2,0 INITIALIZE # OF ACCTS TO ZERO

000012 5020 C0C2 000C8 65 ST 2,NUMACCTS

000016 E020 C1BD 0034 001C3 66 XPRNT DASHES,52

00001C E020 C155 0034 0015B 67 XPRNT HEADER1,52 PRINT MAIN HEADER

000022 E020 C189 0034 0018F 68 XPRNT HEADER2,52 PRINT TABLE SECTION HEADINGS

000028 E020 C1BD 0034 001C3 69 XPRNT DASHES,52

00002E 45A0 C452 00458 71 BAL 10,INITMEM

000032 45B0 C392 00398 72 BAL 11,READDATA ACTION BEGINS HERE

000036 58D0 C03E 00044 74 L 13,SAVEAREA+4 ENDING HOUSEKEEPING

00003A 98EC D00C 0000C 75 LM 14,12,12(13)

00003E 07FE 76 BR 14

000040 78 SAVEAREA DS 18F

000088 79 REGSAVE DS 16F

0000C8 80 NUMACCTS DS 1F

0000CC 81 TRANCODE DS CL1

0000CD 82 NUMDEP DS PL2

0000CF 83 NUMWDRWL DS PL2

0000D1 84 TOTALDEP DS PL6

0000D7 85 TOTALWDR DS PL6

0000DD 86 CURRBAL DS PL6

0000E3 87 MINBAL DS PL6

0000E9 88 RATE DS PL2

0000EB 89 PRODUCT DS PL8

0000F3 90 DIVISION DS 0PL8

0000F3 91 QUOTIENT DS PL5

0000F8 92 REMAINDR DS PL3

0000FB 93 TEMP DS PL5

000100 94 DIVTEMP DS PL3

000103 95 CARD DS CL10

00010D 40 96 CARRIAGE DC C' '

00010E 97 OUTLINE1 DS XL17

00011F 98 OUTLINE2 DS XL13

00012C 99 OUTLINE3 DS XL4

000130 100 OUTLINE4 DS XL5

000135 402020206B202020 101 PATTERN1 DC X'402020206B2020206B2021204B202060'

000145 40206B2020206B20 102 PATTERN2 DC X'40206B2020206B2021204B2020'

000152 40202120 103 PATTERN3 DC X'40202120'

000156 40214B2020 104 PATTERN4 DC X'40214B2020'

00015B 4040404040404040 105 HEADER1 DC C' SAVINGS ACCOUNT REPORT '

00018F 40E3D9C1D54B40C3 106 HEADER2 DC C' TRAN. CODE AMOUNT RATE CURRENT BALANCE '

0001C3 4060606060606060 107 DASHES DC C' ---------------------------------------------------'

0001F7 40404040404040D5 108 HEADER3 DC C' NUMBER OF DEPOSITS = '

00022B 40E3D6E3C1D340C1 109 HEADER4 DC C' TOTAL AMOUNT OF DEPOSITS = '

00025F 4040C1E5C74B40C1 110 HEADER5 DC C' AVG. AMOUNT PER DEPOSIT = '

000293 40404040404040D5 111 HEADER6 DC C' NUMBER OF WITHDRAWALS = '

0002C7 40E3D6E3C1D340C1 112 HEADER7 DC C' TOTAL AMOUNT OF WITHDRAWALS = '

0002FB 4040C1E5C74B40C1 113 HEADER8 DC C' AVG. AMOUNT PER WITHDRAWAL = '

00032F 4040404040404040 114 HEADER9 DC C' CURRENT BALANCE = '

000363 115 LINE DS CL52

READ FROM CARD AND PERFORM APPROPRIATE OPERATIONS PAGE 4

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

117 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

118 \* REGISTER KEY: \*

119 \* REG2: USED TO CHECK FOR NUMBER OF ACCOUNTS > 0 BEFORE PRINTING \*

120 \* REG10: USED TO CALL VARIOUS DATA PROCESSING SUBROUTINES \*

121 \* REG11: USED TO RETURN TO CALLER \*

122 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

000398 900F C082 00088 123 READDATA STM 0,15,REGSAVE

00039C E000 C0FD 000A 00103 125 READTOP XREAD CARD,10 READ UNTIL EOF

0003A2 4740 C448 0044E 126 BC B'0100',READEND

0003A6 9240 C35D 00363 128 MVI LINE,C' ' CASCADE BLANKS INTO DATA LINE

0003AA D232 C35E C35D 00364 00363 129 MVC LINE+1(51),LINE

0003B0 D200 C0C6 C0FD 000CC 00103 131 MVC TRANCODE(1),CARD GET TRAN. CODE

0003B6 D200 C362 C0C6 00368 000CC 132 MVC LINE+5(1),TRANCODE

0003BC 95F0 C0C6 000CC 134 CLI TRANCODE,C'0' SET INITIAL BALANCE

0003C0 4770 C412 00418 135 BC B'0111',NOTINIT

0003C4 5820 C0C2 000C8 137 L 2,NUMACCTS

0003C8 5920 C7E2 007E8 138 C 2,=F'0' CHECK # OF ACCOUNTS > 0

0003CC 4780 C3FE 00404 139 BC B'1000',NOACCTS

0003D0 45A0 C5EE 005F4 140 BAL 10,PRNTSTAT PRINT ACCOUNT INFORMATION

0003D4 E020 C107 0001 0010D 142 XPRNT CARRIAGE,1

0003DA E020 C107 0001 0010D 143 XPRNT CARRIAGE,1 PRINT SEPARATING WHITESPACE

0003E0 E020 C107 0001 0010D 144 XPRNT CARRIAGE,1

0003E6 E020 C107 0001 0010D 145 XPRNT CARRIAGE,1

0003EC E020 C1BD 0034 001C3 146 XPRNT DASHES,52 PRINT NEW ACCOUNT HEADERS

0003F2 E020 C155 0034 0015B 147 XPRNT HEADER1,52

0003F8 E020 C189 0034 0018F 148 XPRNT HEADER2,52

0003FE E020 C1BD 0034 001C3 149 XPRNT DASHES,52

000404 4122 0001 00001 151 NOACCTS LA 2,1(2) INCREMENT # OF ACCOUNTS

000408 5020 C0C2 000C8 152 ST 2,NUMACCTS

00040C 45A0 C452 00458 153 BAL 10,INITMEM

000410 45A0 C484 0048A 154 BAL 10,INITBAL

000414 47F0 C43E 00444 155 B PRNTLINE

000418 95F1 C0C6 000CC 157 NOTINIT CLI TRANCODE,C'1' MAKE A DEPOSIT

00041C 4770 C422 00428 158 BC B'0111',NOTDEP

000420 45A0 C4B0 004B6 159 BAL 10,DEPOSIT

000424 47F0 C43E 00444 160 B PRNTLINE

000428 95F2 C0C6 000CC 162 NOTDEP CLI TRANCODE,C'2' MAKE A WITHDRAWAL

00042C 4770 C432 00438 163 BC B'0111',NOTWDRWL

000430 45A0 C4EE 004F4 164 BAL 10,WITHDRAW

000434 47F0 C43E 00444 165 B PRNTLINE

000438 95F3 C0C6 000CC 167 NOTWDRWL CLI TRANCODE,C'3' CALCULATE INTEREST

00043C 4770 C444 0044A 168 BC B'0111',READBOTM

000440 45A0 C550 00556 169 BAL 10,INTEREST

000444 E020 C35D 0034 00363 171 PRNTLINE XPRNT LINE,52 PRINT RESULTS

00044A 47F0 C396 0039C 173 READBOTM B READTOP

00044E 45A0 C5EE 005F4 175 READEND BAL 10,PRNTSTAT PRINT ACCOUNT STATISTICS

000452 980F C082 00088 177 LM 0,15,REGSAVE

000456 07FB 178 BR 11

INITIALIZE PACKED MEMORY LOCATIONS FOR ARITHMETIC PAGE 6

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

180 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

181 \* REGISTER KEY: \*

182 \* REG10: USED TO RETURN TO CALLER \*

183 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

000458 F810 C0C7 C830 000CD 00836 184 INITMEM ZAP NUMDEP(2),=P'0' INITIALIZE MEMORY WITH ZEROS

00045E F810 C0C9 C830 000CF 00836 185 ZAP NUMWDRWL(2),=P'0'

000464 F850 C0CB C830 000D1 00836 186 ZAP TOTALDEP(6),=P'0'

00046A F850 C0D1 C830 000D7 00836 187 ZAP TOTALWDR(6),=P'0'

000470 F850 C0D7 C830 000DD 00836 188 ZAP CURRBAL(6),=P'0'

000476 F850 C0DD C830 000E3 00836 189 ZAP MINBAL(6),=P'0'

00047C F850 C0ED C830 000F3 00836 190 ZAP DIVISION(6),=P'0'

000482 F840 C0F5 C830 000FB 00836 191 ZAP TEMP(5),=P'0'

000488 07FA 193 BR 10

INITIAL CARD BALANCE PAGE 7

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

195 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

196 \* REGISTER KEY: \*

197 \* REG10: USED TO RETURN TO CALLER \*

198 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

00048A F248 C0F5 C0FE 000FB 00104 199 INITBAL PACK TEMP(5),CARD+1(9) GET INITIAL BALANCE

000490 F854 C0D7 C0F5 000DD 000FB 200 ZAP CURRBAL(6),TEMP(5)

000496 F855 C0DD C0D7 000E3 000DD 201 ZAP MINBAL(6),CURRBAL(6) MIN. BALANCE = INIT. BALANCE

00049C D210 C108 C12F 0010E 00135 203 MVC OUTLINE1(17),PATTERN1

0004A2 DE10 C108 C0D7 0010E 000DD 204 ED OUTLINE1(17),CURRBAL EDIT LINE TO HOLD BALANCE

0004A8 D210 C367 C108 0036D 0010E 205 MVC LINE+10(17),OUTLINE1

0004AE D210 C380 C108 00386 0010E 206 MVC LINE+35(17),OUTLINE1

0004B4 07FA 208 BR 10

DEPOSIT CARD PAGE 8

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

210 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

211 \* REGISTER KEY: \*

212 \* REG10: USED TO RETURN TO CALLER \*

213 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

0004B6 F248 C0F5 C0FE 000FB 00104 214 DEPOSIT PACK TEMP(5),CARD+1(9) GET DEPOSIT AMOUNT

0004BC FA54 C0D7 C0F5 000DD 000FB 215 AP CURRBAL(6),TEMP(5) MAKE THE DEPOSIT

0004C2 FA10 C0C7 C831 000CD 00837 217 AP NUMDEP(2),=P'1' INCREMENT # OF DEPOSITS MADE

0004C8 FA54 C0CB C0F5 000D1 000FB 218 AP TOTALDEP(6),TEMP(5) UPDATE TOTAL AMT OF DEPOSITS

0004CE D20C C119 C13F 0011F 00145 220 MVC OUTLINE2(13),PATTERN2 OUTPUT DEPOSIT AMOUNT AND

0004D4 D210 C108 C12F 0010E 00135 221 MVC OUTLINE1(17),PATTERN1 THE CURRENT BALANCE

0004DA DE0C C119 C0F5 0011F 000FB 222 ED OUTLINE2(13),TEMP

0004E0 DE10 C108 C0D7 0010E 000DD 223 ED OUTLINE1(17),CURRBAL

0004E6 D20C C369 C119 0036F 0011F 224 MVC LINE+12(13),OUTLINE2

0004EC D210 C380 C108 00386 0010E 225 MVC LINE+35(17),OUTLINE1

0004F2 07FA 227 BR 10

WITHDRAWAL CARD PAGE 9

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

229 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

230 \* REGISTER KEY: \*

231 \* REG10: USED TO RETURN TO CALLER \*

232 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

0004F4 F950 C0D7 C830 000DD 00836 233 WITHDRAW CP CURRBAL(6),=P'0'

0004FA 47D0 C538 0053E 234 BC B'1101',WDRAWERR DO NOT W'DRAW FROM <= 0 BAL

0004FE F248 C0F5 C0FE 000FB 00104 236 PACK TEMP(5),CARD+1(9) GET WITHDRAWAL AMOUNT

000504 FB54 C0D7 C0F5 000DD 000FB 237 SP CURRBAL(6),TEMP(5) MAKE THE WITHDRAWAL

00050A FA10 C0C9 C831 000CF 00837 239 AP NUMWDRWL(2),=P'1' INCREMENT # OF WITHDRAWALS

000510 FA54 C0D1 C0F5 000D7 000FB 240 AP TOTALWDR(6),TEMP(5) UPDATE AMNT WITHDRAWN

000516 D20C C119 C13F 0011F 00145 242 MVC OUTLINE2(13),PATTERN2 OUTPUT WITHDRAWAL AMOUNT AND

00051C D210 C108 C12F 0010E 00135 243 MVC OUTLINE1(17),PATTERN1 THE CURRENT BALANCE

000522 DE0C C119 C0F5 0011F 000FB 244 ED OUTLINE2(13),TEMP

000528 DE10 C108 C0D7 0010E 000DD 245 ED OUTLINE1(17),CURRBAL

00052E D20C C369 C119 0036F 0011F 246 MVC LINE+12(13),OUTLINE2

000534 D210 C380 C108 00386 0010E 247 MVC LINE+35(17),OUTLINE1

00053A 47F0 C53E 00544 249 B SWAPMIN

00053E D213 C369 C7E6 0036F 007EC 251 WDRAWERR MVC LINE+12(20),=C'ERR: INVALID BALANCE'

000544 F955 C0DD C0D7 000E3 000DD 253 SWAPMIN CP MINBAL(6),CURRBAL(6) CHANGE MINIMUM BALANCE

00054A 47D0 C54E 00554 254 BC B'1101',ENDWDRWL

00054E F855 C0DD C0D7 000E3 000DD 255 ZAP MINBAL(6),CURRBAL(6)

000554 07FA 257 ENDWDRWL BR 10

INTEREST CALCULATION CARD PAGE 10

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

259 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

260 \* REGISTER KEY: \*

261 \* REG10: USED TO RETURN TO CALLER \*

262 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

000556 F950 C0DD C830 000E3 00836 263 INTEREST CP MINBAL(6),=P'0'

00055C 47D0 C5CC 005D2 264 BC B'1101',INTERR1 NO INTEREST FOR <= 0 BALANCE

000560 F212 C0E3 C0FE 000E9 00104 266 PACK RATE(2),CARD+1(3) GET INTEREST RATE

000566 F910 C0E3 C830 000E9 00836 268 CP RATE(2),=P'0' DO NOT USE 0 PERCENT RATE

00056C 47D0 C5D6 005DC 269 BC B'1101',INTERR2

000570 D204 C12A C150 00130 00156 271 MVC OUTLINE4(5),PATTERN4 OUTPUT INTEREST RATE

000576 DE04 C12A C0E3 00130 000E9 272 ED OUTLINE4(5),RATE

00057C 9540 C12B 00131 273 CLI OUTLINE4+1,X'40' ADD LEADING ZERO IF NEEDED

000580 4770 C582 00588 274 BC B'0111',NOTFILL

000584 92F0 C12B 00131 275 MVI OUTLINE4+1,C'0'

000588 D204 C377 C12A 0037D 00130 276 NOTFILL MVC LINE+26(5),OUTLINE4

00058E F875 C0E5 C0DD 000EB 000E3 278 ZAP PRODUCT(8),MINBAL(6) PERFORM INTEREST CALCULATION

000594 FC71 C0E5 C0E3 000EB 000E9 279 MP PRODUCT(8),RATE(2)

00059A F877 C0ED C0E5 000F3 000EB 280 ZAP DIVISION(8),PRODUCT(8)

0005A0 FD72 C0ED C832 000F3 00838 281 DP DIVISION(8),=P'10000' SHIFT VALUE 4 SPOTS TO RIGHT

0005A6 F922 C0F2 C835 000F8 0083B 283 CP REMAINDR(3),=P'5000' ROUND UP IF NECESSARY

0005AC 4740 C5B0 005B6 284 BC B'0100',NOROUND

0005B0 FA40 C0ED C831 000F3 00837 285 AP QUOTIENT(5),=P'1'

0005B6 FA54 C0D7 C0ED 000DD 000F3 287 NOROUND AP CURRBAL(6),QUOTIENT(5) ADD INTEREST TO CURR. BALANCE

0005BC D210 C108 C12F 0010E 00135 289 MVC OUTLINE1(17),PATTERN1 OUTPUT THE CURRENT BALANCE

0005C2 DE10 C108 C0D7 0010E 000DD 290 ED OUTLINE1(17),CURRBAL

0005C8 D210 C380 C108 00386 0010E 291 MVC LINE+35(17),OUTLINE1

0005CE 47F0 C5DC 005E2 293 B INTSWAP

0005D2 D21B C369 C7FA 0036F 00800 295 INTERR1 MVC LINE+12(28),=C'ERR: INVALID MINIMUM BALANCE'

0005D8 47F0 C5DC 005E2 296 B INTSWAP

0005DC D219 C369 C816 0036F 0081C 298 INTERR2 MVC LINE+12(26),=C'ERR: INVALID INTEREST RATE'

0005E2 F955 C0DD C0D7 000E3 000DD 300 INTSWAP CP MINBAL(6),CURRBAL(6)

0005E8 47A0 C5EC 005F2 301 BC B'1010',ENDINT

0005EC F855 C0DD C0D7 000E3 000DD 302 ZAP MINBAL(6),CURRBAL(6) UPDATE THE MINIMUM BALANCE

0005F2 07FA 304 ENDINT BR 10

PRINT ALL ACCOUNT STATISTICS PAGE 11

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

306 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

307 \* REGISTER KEY: \*

308 \* REG9: USED TO CALL VARIOUS STATISTICAL SUBROUTINES \*

309 \* REG10: USED TO RETURN TO CALLER \*

310 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

0005F4 E020 C107 0001 0010D 311 PRNTSTAT XPRNT CARRIAGE,1

0005FA E020 C107 0001 0010D 312 XPRNT CARRIAGE,1

000600 4590 C630 00636 314 BAL 9,PRNTNDEP PRINT NUMBER OF DEPOSITS

000604 4590 C64A 00650 315 BAL 9,PRNTTDEP PRINT TOTAL AMT OF DEPOSITS

000608 4590 C66E 00674 316 BAL 9,PRNTDAVG PRINT DEPOSIT AVERAGE

00060C E020 C107 0001 0010D 318 XPRNT CARRIAGE,1

000612 E020 C107 0001 0010D 319 XPRNT CARRIAGE,1

000618 4590 C6F4 006FA 321 BAL 9,PRNTNWDR PRINT NUMBER OF W'DRAWALS

00061C 4590 C70E 00714 322 BAL 9,PRNTTWDR PRINT TOTAL AMT OF W'DRAWALS

000620 4590 C732 00738 323 BAL 9,PRNTWAVG PRINT W'DRAWAL AVERAGE

000624 E020 C107 0001 0010D 325 XPRNT CARRIAGE,1

00062A E020 C107 0001 0010D 326 XPRNT CARRIAGE,1

000630 4590 C7B8 007BE 328 BAL 9,PRNTCBAL PRINT THE CURRENT BALANCE

000634 07FA 330 BR 10

PRINT NUMBER OF DEPOSITS PAGE 12

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

332 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

333 \* REGISTER KEY: \*

334 \* REG9: USED TO RETURN TO CALLER \*

335 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

000636 D203 C126 C14C 0012C 00152 336 PRNTNDEP MVC OUTLINE3(4),PATTERN3 OUTPUT THE NUMBER OF DEPOSITS

00063C DE03 C126 C0C7 0012C 000CD 337 ED OUTLINE3(4),NUMDEP

000642 D203 C21A C126 00220 0012C 338 MVC HEADER3+41(4),OUTLINE3

000648 E020 C1F1 0034 001F7 340 XPRNT HEADER3,52

00064E 07F9 342 BR 9

PRINT TOTAL AMOUNT OF DEPOSITS PAGE 13

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

344 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

345 \* REGISTER KEY: \*

346 \* REG1: USED TO MARK LOCATION TO PLACE DOLLAR SIGN IN OUTPUT \*

347 \* REG9: USED TO RETURN TO CALLER \*

348 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

000650 D210 C108 C12F 0010E 00135 349 PRNTTDEP MVC OUTLINE1(17),PATTERN1 OUTPUT TOTAL AMT OF DEPOSITS

000656 4110 C113 00119 350 LA 1,OUTLINE1+11

00065A DF10 C108 C0CB 0010E 000D1 351 EDMK OUTLINE1(17),TOTALDEP

000660 0610 352 BCTR 1,0

000662 925B 1000 00000 353 MVI 0(1),C'$'

000666 D210 C243 C108 00249 0010E 354 MVC HEADER4+30(17),OUTLINE1

00066C E020 C225 0034 0022B 356 XPRNT HEADER4,52

000672 07F9 358 BR 9

PRINT DEPOSIT AVERAGE PAGE 14

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

360 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

361 \* REGISTER KEY: \*

362 \* REG1: USED TO MARK LOCATION TO PLACE DOLLAR SIGN IN OUTPUT \*

363 \* REG9: USED TO RETURN TO CALLER \*

364 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

000674 F910 C0C7 C830 000CD 00836 365 PRNTDAVG CP NUMDEP(2),=P'0' DO NOT DIVIDE BY ZERO

00067A 4780 C6AA 006B0 366 BC B'1000',NODEPDIV

00067E F875 C0ED C0CB 000F3 000D1 368 ZAP DIVISION(8),TOTALDEP(6) CALCULATE DEPOSIT AVERAGE

000684 F821 C0FA C0C7 00100 000CD 369 ZAP DIVTEMP(3),NUMDEP(2)

00068A FD72 C0ED C0FA 000F3 00100 370 DP DIVISION(8),DIVTEMP(3)

000690 F842 C0F5 C0F2 000FB 000F8 371 ZAP TEMP(5),REMAINDR(3)

000696 FA44 C0F5 C0F5 000FB 000FB 372 AP TEMP(5),TEMP(5)

00069C F942 C0F5 C0FA 000FB 00100 373 CP TEMP(5),DIVTEMP(3)

0006A2 4750 C6D0 006D6 374 BC B'0101',DNOTZERO

0006A6 FA40 C0ED C831 000F3 00837 375 AP QUOTIENT(5),=P'1'

0006AC 47F0 C6D0 006D6 377 B DNOTZERO

0006B0 F840 C0ED C830 000F3 00836 379 NODEPDIV ZAP QUOTIENT(5),=P'0' DEPOSIT AVERAGE IS 0 DOLLARS

0006B6 D20C C119 C13F 0011F 00145 381 MVC OUTLINE2(13),PATTERN2 OUTPUT ZERO AVERAGE

0006BC 4110 C122 00128 382 LA 1,OUTLINE2+9

0006C0 DF0C C119 C0ED 0011F 000F3 383 EDMK OUTLINE2(13),QUOTIENT

0006C6 0610 384 BCTR 1,0

0006C8 925B 1000 00000 385 MVI 0(1),C'$'

0006CC D20C C279 C119 0027F 0011F 386 MVC HEADER5+32(13),OUTLINE2

0006D2 47F0 C6EC 006F2 388 B DAVGEND

0006D6 D20C C119 C13F 0011F 00145 390 DNOTZERO MVC OUTLINE2(13),PATTERN2 OUTPUT DEPOSIT AVERAGE

0006DC 4110 C124 0012A 391 LA 1,OUTLINE2+11

0006E0 DF0C C119 C0ED 0011F 000F3 392 EDMK OUTLINE2(13),QUOTIENT

0006E6 0610 393 BCTR 1,0

0006E8 925B 1000 00000 394 MVI 0(1),C'$'

0006EC D20C C279 C119 0027F 0011F 395 MVC HEADER5+32(13),OUTLINE2

0006F2 E020 C259 0034 0025F 397 DAVGEND XPRNT HEADER5,52

0006F8 07F9 399 BR 9

PRINT THE NUMBER OF WITHDRAWALS PAGE 15

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

401 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

402 \* REGISTER KEY: \*

403 \* REG9: USED TO RETURN TO CALLER \*

404 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

0006FA D203 C126 C14C 0012C 00152 405 PRNTNWDR MVC OUTLINE3(4),PATTERN3 OUTPUT NUMBER OF WITHDRAWALS

000700 DE03 C126 C0C9 0012C 000CF 406 ED OUTLINE3(4),NUMWDRWL

000706 D203 C2B9 C126 002BF 0012C 407 MVC HEADER6+44(4),OUTLINE3

00070C E020 C28D 0034 00293 409 XPRNT HEADER6,52

000712 07F9 411 BR 9

PRINT THE TOTAL AMOUNT OF WITHDRAWALS PAGE 16

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

413 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

414 \* REGISTER KEY: \*

415 \* REG1: USED TO MARK PLACE TO PUT DOLLAR SIGN IN OUTPUT \*

416 \* REG9: USED TO RETURN TO CALLER \*

417 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

000714 D210 C108 C12F 0010E 00135 418 PRNTTWDR MVC OUTLINE1(17),PATTERN1 OUTPUT TOTAL AMT OF W'DRAWALS

00071A 4110 C113 00119 419 LA 1,OUTLINE1+11

00071E DF10 C108 C0D1 0010E 000D7 420 EDMK OUTLINE1(17),TOTALWDR

000724 0610 421 BCTR 1,0

000726 925B 1000 00000 422 MVI 0(1),C'$'

00072A D210 C2E2 C108 002E8 0010E 423 MVC HEADER7+33(17),OUTLINE1

000730 E020 C2C1 0034 002C7 425 XPRNT HEADER7

000736 07F9 427 BR 9

PRINT THE WITHDRAWAL AVERAGE PAGE 17

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

429 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

430 \* REGISTER KEY: \*

431 \* REG1: USED TO MARK LOCATION TO PLACE DOLLAR SIGN IN OUTPUT \*

432 \* REG9: USED TO RETURN TO CALLER \*

433 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

000738 F910 C0C9 C830 000CF 00836 434 PRNTWAVG CP NUMWDRWL(2),=P'0' DO NOT DIVIDE BY ZERO

00073E 4780 C76E 00774 435 BC B'1000',NOWDRDIV

000742 F875 C0ED C0D1 000F3 000D7 437 ZAP DIVISION(8),TOTALWDR(6) CALCULATE W'DRAWAL AVERAGE

000748 F821 C0FA C0C9 00100 000CF 438 ZAP DIVTEMP(3),NUMWDRWL(2)

00074E FD72 C0ED C0FA 000F3 00100 439 DP DIVISION(8),DIVTEMP(3)

000754 F842 C0F5 C0F2 000FB 000F8 440 ZAP TEMP(5),REMAINDR(3)

00075A FA44 C0F5 C0F5 000FB 000FB 441 AP TEMP(5),TEMP(5)

000760 F942 C0F5 C0FA 000FB 00100 442 CP TEMP(5),DIVTEMP(3)

000766 4750 C794 0079A 443 BC B'0101',WNOTZERO

00076A FA40 C0ED C831 000F3 00837 444 AP QUOTIENT(5),=P'1'

000770 47F0 C794 0079A 446 B WNOTZERO

000774 F840 C0ED C830 000F3 00836 448 NOWDRDIV ZAP QUOTIENT(5),=P'0' WITHDRAWAL AVERAGE IS 0

00077A D20C C119 C13F 0011F 00145 450 MVC OUTLINE2(13),PATTERN2 OUTPUT ZERO AVERAGE

000780 4110 C122 00128 451 LA 1,OUTLINE2+9

000784 DF0C C119 C0ED 0011F 000F3 452 EDMK OUTLINE2(13),QUOTIENT

00078A 0610 453 BCTR 1,0

00078C 925B 1000 00000 454 MVI 0(1),C'$'

000790 D20C C318 C119 0031E 0011F 455 MVC HEADER8+35(13),OUTLINE2

000796 47F0 C7B0 007B6 457 B WAVGEND

00079A D20C C119 C13F 0011F 00145 459 WNOTZERO MVC OUTLINE2(13),PATTERN2 OUTPUT WITHDRAWAL AVERAGE

0007A0 4110 C124 0012A 460 LA 1,OUTLINE2+11

0007A4 DF0C C119 C0ED 0011F 000F3 461 EDMK OUTLINE2(13),QUOTIENT

0007AA 0610 462 BCTR 1,0

0007AC 925B 1000 00000 463 MVI 0(1),C'$'

0007B0 D20C C318 C119 0031E 0011F 464 MVC HEADER8+35(13),OUTLINE2

0007B6 E020 C2F5 0034 002FB 466 WAVGEND XPRNT HEADER8,52

0007BC 07F9 468 BR 9

PRINT THE CURRENT BALANCE PAGE 18

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT

470 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

471 \* REGISTER KEY: \*

472 \* REG1: USED TO MARK LOCATION TO PLACE DOLLAR SIGN IN OUTPUT \*

473 \* REG9: USED TO RETURN TO CALLER \*

474 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

0007BE D210 C108 C12F 0010E 00135 475 PRNTCBAL MVC OUTLINE1(17),PATTERN1 OUTPUT THE CURRENT BALANCE

0007C4 4110 C113 00119 476 LA 1,OUTLINE1+11

0007C8 DF10 C108 C0D7 0010E 000DD 477 EDMK OUTLINE1(17),CURRBAL

0007CE 0610 478 BCTR 1,0

0007D0 925B 1000 00000 479 MVI 0(1),C'$'

0007D4 D210 C34A C108 00350 0010E 480 MVC HEADER9+33(17),OUTLINE1

0007DA E020 C329 0034 0032F 482 XPRNT HEADER9,52

0007E0 07F9 484 BR 9

485 END MBPROG7

0007E8 00000000 =F'0'

0007EC C5D9D97A40C9D5E5 =C'ERR: INVALID BALANCE'

000800 C5D9D97A40C9D5E5 =C'ERR: INVALID MINIMUM BALANCE'

00081C C5D9D97A40C9D5E5 =C'ERR: INVALID INTEREST RATE'

000836 0C =P'0'

000837 1C =P'1'

000838 10000C =P'10000'

00083B 05000C =P'5000'

\*\*\* 0 STATEMENTS FLAGGED - 0 WARNINGS, 0 ERRORS

\*\*\* PROGRAM EXECUTION BEGINNING -

ANY OUTPUT BEFORE EXECUTION COMPLETE MESSAGE IS PRODUCED BY USER PROGRAM \*\*\*

--------------------------------------------------

SAVINGS ACCOUNT REPORT

TRAN. CODE AMOUNT RATE CURRENT BALANCE

---------------------------------------------------

0 212.14 212.14

1 110.00 322.14

2 42.00 280.14

3 4.00 288.63

3 5.50 304.50

1 252.36 556.86

2 3.50 553.36

2 10.00 543.36

1 20.00 563.36

3 2.55 571.12

1 30.00 601.12

3 9.00 652.52

1 5,000.00 5,652.52

2 341.35 5,311.17

3 0.99 5,317.63

1 10.00 5,327.63

NUMBER OF DEPOSITS = 6

TOTAL AMOUNT OF DEPOSITS = $5,422.36

AVG. AMOUNT PER DEPOSIT = $903.73

NUMBER OF WITHDRAWALS = 4

TOTAL AMOUNT OF WITHDRAWALS = $396.85

AVG. AMOUNT PER WITHDRAWAL = $99.21

CURRENT BALANCE = $5,327.63

---------------------------------------------------

SAVINGS ACCOUNT REPORT

TRAN. CODE AMOUNT RATE CURRENT BALANCE

---------------------------------------------------

0 512.34 512.34

1 23.04 535.38

1 123.42 658.80

2 50.00 608.80

3 6.90 644.15

2 120.00 524.15

NUMBER OF DEPOSITS = 2

TOTAL AMOUNT OF DEPOSITS = $146.46

AVG. AMOUNT PER DEPOSIT = $73.23

NUMBER OF WITHDRAWALS = 2

TOTAL AMOUNT OF WITHDRAWALS = $170.00

AVG. AMOUNT PER WITHDRAWAL = $85.00

CURRENT BALANCE = $524.15

---------------------------------------------------

SAVINGS ACCOUNT REPORT

TRAN. CODE AMOUNT RATE CURRENT BALANCE

---------------------------------------------------

0 30.00 30.00

3 9.99 33.00

3 4.31 34.42

3 1.23 34.84

3 7.89 37.59

1 50.00 87.59

NUMBER OF DEPOSITS = 1

TOTAL AMOUNT OF DEPOSITS = $50.00

AVG. AMOUNT PER DEPOSIT = $50.00

NUMBER OF WITHDRAWALS = 0

TOTAL AMOUNT OF WITHDRAWALS = $0.00

AVG. AMOUNT PER WITHDRAWAL = $0.00

CURRENT BALANCE = $87.59

---------------------------------------------------

SAVINGS ACCOUNT REPORT

TRAN. CODE AMOUNT RATE CURRENT BALANCE

---------------------------------------------------

0 0.69 0.69

NUMBER OF DEPOSITS = 0

TOTAL AMOUNT OF DEPOSITS = $0.00

AVG. AMOUNT PER DEPOSIT = $0.00

NUMBER OF WITHDRAWALS = 0

TOTAL AMOUNT OF WITHDRAWALS = $0.00

AVG. AMOUNT PER WITHDRAWAL = $0.00

CURRENT BALANCE = $0.69

---------------------------------------------------

SAVINGS ACCOUNT REPORT

TRAN. CODE AMOUNT RATE CURRENT BALANCE

---------------------------------------------------

0 1,000.00 1,000.00

2 2,000.00 1,000.00-

3 ERR: INVALID MINIMUM BALANCE

NUMBER OF DEPOSITS = 0

TOTAL AMOUNT OF DEPOSITS = $0.00

AVG. AMOUNT PER DEPOSIT = $0.00

NUMBER OF WITHDRAWALS = 1

TOTAL AMOUNT OF WITHDRAWALS = $2,000.00

AVG. AMOUNT PER WITHDRAWAL = $2,000.00

CURRENT BALANCE = $1,000.00-

---------------------------------------------------

SAVINGS ACCOUNT REPORT

TRAN. CODE AMOUNT RATE CURRENT BALANCE

---------------------------------------------------

0 2,394,204.21 2,394,204.21

NUMBER OF DEPOSITS = 0

TOTAL AMOUNT OF DEPOSITS = $0.00

AVG. AMOUNT PER DEPOSIT = $0.00

NUMBER OF WITHDRAWALS = 0

TOTAL AMOUNT OF WITHDRAWALS = $0.00

AVG. AMOUNT PER WITHDRAWAL = $0.00

CURRENT BALANCE = $2,394,204.21

---------------------------------------------------

SAVINGS ACCOUNT REPORT

TRAN. CODE AMOUNT RATE CURRENT BALANCE

---------------------------------------------------

0 3,490.21 3,490.21

NUMBER OF DEPOSITS = 0

TOTAL AMOUNT OF DEPOSITS = $0.00

AVG. AMOUNT PER DEPOSIT = $0.00

NUMBER OF WITHDRAWALS = 0

TOTAL AMOUNT OF WITHDRAWALS = $0.00

AVG. AMOUNT PER WITHDRAWAL = $0.00

CURRENT BALANCE = $3,490.21

---------------------------------------------------

SAVINGS ACCOUNT REPORT

TRAN. CODE AMOUNT RATE CURRENT BALANCE

---------------------------------------------------

0 12,341.25 12,341.25

NUMBER OF DEPOSITS = 0

TOTAL AMOUNT OF DEPOSITS = $0.00

AVG. AMOUNT PER DEPOSIT = $0.00

NUMBER OF WITHDRAWALS = 0

TOTAL AMOUNT OF WITHDRAWALS = $0.00

AVG. AMOUNT PER WITHDRAWAL = $0.00

CURRENT BALANCE = $12,341.25

\*\*\* EXECUTION COMPLETED \*\*\*