| | + 1+ 2+ 3+ 4+ 5+ 6+ 7+ 8+ 9+ 0 | |
|------|--|----------|
| 100 | IDENTIFICATI <mark>ON DIVISION</mark> . | 08/19/22 |
| 200 | PROGRAM-ID. SIMULATCRE. | 09/25/22 |
| 300 | ENVIRONMENT DIVISION. | 08/19/22 |
| 400 | INPUT-OUTPUT SECTION. | 09/25/22 |
| 500 | FILE-CONTROL. | 09/25/22 |
| 600 | SELECT ZCREP ASSIGN DATABASE-ZCREPRE0 | 09/25/22 |
| 700 | ORGANIZATION IS INDEXED | 09/25/22 |
| 800 | ACCESS MODE IS DYNAMIC | 09/25/22 |
| 900 | RECORD KEY IS RECKEY | 09/25/22 |
| 1000 | FILE STATUS IS W-STA. | 09/25/22 |
| 1100 | SELECT ZCRECH ASSIGN DATABASE-ZCREECHO | 09/25/22 |
| 1200 | ORGANIZATION IS INDEXED | 09/25/22 |
| 1300 | ACCESS MODE IS DYNAMIC | 09/25/22 |
| 1400 | RECORD KEY IS RKEY | 09/25/22 |
| 1500 | FILE STATUS IS W-STA. | 09/25/22 |
| 1600 | DATA DIVISION. | 08/23/22 |
| 1700 | FILE SECTION. | 09/25/22 |
| 1800 | FD ZCREP. | 09/25/22 |
| 1900 | COPY CPYPRET OF QCBLLESRC. | 09/25/22 |
| 2000 | FD ZCRECH. | 09/25/22 |
| 2100 | COPY CPYECH OF QCBLLESRC. | 09/25/22 |
| 2200 | WORKING-STORAGE SECTION. | 08/28/22 |
| 2300 | 01 WS-ALL. | 09/25/22 |
| 2400 | 10 W-STA PIC X(2). | 09/25/22 |
| 2500 | 01 W-DEVISE PIC X(3). | 09/25/22 |
| 2600 | 01 W-EOF PIC X. | 09/25/22 |
| 2700 | 01 W-EOF FIC X. 01 W-CODRET PIC X. | 09/25/22 |
| 2800 | 01 W-CODRET PIC X. 01 W-MONTANT PIC S9(13)V9(2). | 09/25/22 |
| 2900 | | 09/25/22 |
| 3000 | | |
| | | 09/25/22 |
| 3100 | 01 Y PIC S9(13)V9(2). | 09/25/22 |
| 3200 | 01 N PIC S9(3). | 09/25/22 |
| 3300 | 01 WS-MNT PIC Z(12)9.99. | 09/25/22 |
| 3400 | 01 WS-DATE PIC S9(7). | 09/25/22 |
| 3500 | LINKAGE SECTION. | 08/25/22 |
| 3600 | 01 LS-PRET. | 09/25/22 |
| 3700 | 05 LS-CREPREETA PIC S9(4). | 09/25/22 |
| 3800 | 05 LS-CREPREAG PIC S9(4). | 09/25/22 |
| 3900 | 05 LS-CREPREDOS PIC S9(7). | 09/25/22 |
| 4000 | 01 LS-CREPREPRE PIC S9(3). | 09/25/22 |
| 4100 | 01 LS-CREPREMNT PIC S9(13)V9(2). | 09/25/22 |
| 4200 | * | 08/24/22 |
| 4300 | PROCEDURE DIVISION <mark>USING LS-PRET LS-CREPREMNT</mark> . | 09/25/22 |
| 4400 | DEBUT. | 08/19/22 |
| 4500 | OPEN I-O ZCRECH | 09/25/22 |
| 4600 | OPEN INPUT ZCREP | 09/25/22 |
| 4700 | MOVE 'N' TO W-EOF | 09/25/22 |
| 4800 | READ ZCREP NEXT | 09/25/22 |
| 4900 | AT END MOVE 'Y' TO W-EOF | 09/25/22 |
| 5000 | END-READ | 09/25/22 |
| 5100 | PERFORM UNTIL W-EOF = 'Y' | 09/25/22 |
| 5200 | IF W-CREPREDOS = LS-CREPREDOS | 09/25/22 |
| 5300 | MOVE W-CREPPREMNT TO C | 09/25/22 |
| | | |

| SOURCE FI | LE EZZED0011/QCBLLESRC SIMULATCRE | |
|-----------|---|----------|
| | | |
| | .+ 1+ 2+ 3+ 4+ 5+ 6+ 7+ 8+ 9+ 0 | |
| 5400 | MOVE W-CREPREECH TO N | 09/25/22 |
| 5500 | MULTIPLY C BY 0.045 GIVING X | 09/25/22 |
| 5600 | DIVIDE 12 INTO X | 09/25/22 |
| 5700 | MOVE 12.045 TO Y | 09/25/22 |
| 5800 | DIVIDE 12 INTO Y | 09/25/22 |
| 5900 | DIVIDE 1 INTO Y | 09/25/22 |
| 6000 | COMPUTE $Y = 1 - Y ** N$ | 09/25/22 |
| 6100 | DIVIDE Y INTO X | 09/25/22 |
| 6200 | MOVE X TO LS-CREPREMNT | 09/25/22 |
| 6300 | MOVE W-CREPREETA TO W-CREECHETA | 09/25/22 |
| 6400 | MOVE W-CREPREAGE TO W-CREECHAGE | 09/25/22 |
| 6500 | MOVE W-CREPREAGE TO W-CREECHAGE | 09/25/22 |
| 6600 | MOVE W-CREPREPRE TO W-CREECHPRE | 09/25/22 |
| 6700 | MOVE LS-CREPREMNT TO W-CREECHMNT | 09/25/22 |
| 6800 | MOVE W-CREPPREDTD TO WS-DATE | 09/25/22 |
| 6900 | CALL 'CALCDATE' USING WS-DATE | 09/25/22 |
| 7000 | MOVE WS-DATE TO W-CREECHDPE | 09/25/22 |
| 7100 | WRITE ECHEANCE | 09/25/22 |
| 7200 | INVALID KEY DISPLAY 'ECHEANCE EXISTE DEJA' | 09/25/22 |
| 7300 | NOT INVALID KEY DISPLAY 'ECHEANCE AJOUTE AVEC SUCCES' | 09/25/22 |
| 7400 | END-WRITE | 09/25/22 |
| 7500 | END-IF | 09/25/22 |
| 7600 | READ ZCREP NEXT | 09/25/22 |
| 7700 | AT END MOVE 'Y' TO W-EOF | 09/25/22 |
| 7800 | END-READ | 09/25/22 |
| 7900 | END-PERFORM | 09/25/22 |
| 8000 | CLOSE ZCREP | 09/25/22 |
| 8100 | CLOSE ZCRECH | 09/25/22 |
| 8200 | MOVE 0 TO LS-CREPREMNT. | 09/25/22 |
| 0200 | MOVE O TO DE CREEKENI. | 00/25/22 |

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* * * * E N D O F S O U R C E * * * *

SEU SOURCE LISTING

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EXIT PROGRAM.

FIN-PGM.