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000100 Identification Division.
000200 Program-Id. OVN33.
000300 Data Division.
000400 Working-Storage Section.
000500*-----
000600* Lagg in INCLUDE av SQL-areor
000700* och beskrivningar.
000800*-----
000900     Exec SQL
001000         Include SQLCA
001100     End-Exec.
001200
001300     Exec SQL
001400         Include DRYCK
001500     End-Exec.
001600
001700     Exec SQL
001800         Include PRIS
001900     End-Exec.
002000
002100     Exec SQL
002200         DECLARE PRISER CURSOR FOR
002300             SELECT
002400                 D.DRYCKNR,
002500                 D.DRYCKNAMN,
002600                 P.VOLYM,
002700                 P.PRIS,
002800                 P.PRDATUM
002900             FROM
003000                 UTB00.DRYCK D JOIN UTB00.PRIS P
003100                 ON D.DRYCKNR = P.DRYCKNR
003200             WHERE
003300                 (P.DRYCKNR, P.VOLYM, P.PRDATUM) IN
003400                 (SELECT
003500                     P2.DRYCKNR,
003600                     P2.VOLYM,
003700                     MAX(P2.PRDATUM)
003800                 FROM
003900                     UTB00.PRIS P2
004000                 WHERE
004100                     P2.PRDATUM <= :WS-Sysin-Datum
004200                 GROUP BY
004300                     P2.DRYCKNR
004400                     ,P2.VOLYM)
004500             ORDER BY D.DRYCKNR, P.VOLYM
004600     End-Exec.
004700
004800 01 SQL-Data.
004900     05 WS-Datum         Pic X(10).
005000     05 WS-Tid          Pic X(10).
005100     05 WS-SQLCODE      Pic +(09).
005200

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005300 01 SysinData.
005400    05 WS-Sysin-Datum Pic X(10).
005500
005600 01 Display-Rad.
005700    05 D-Drycknr      Pic 9(05).
005800    05                  Pic X(02) Value Space.
005900    05 D-Drycknamn   Pic X(25).
006000    05                  Pic X(02) Value Space.
006100    05 D-Volym      Pic 9(05).
006200    05                  Pic X(02) Value Space.
006300    05 D-Pris      Pic 9(05).
006400    05                  Pic X(02) Value Space.
006500    05 D-Prdatum   Pic X(10).
006600
006700 01 Vilcoren      Pic X(08) Value Space.
006800    88 Klar          Value 'Klar'.
006900
007000
007100 Procedure Division.
007200    Display '-->> Programmet startar...'
007300    Perform Hamta-Datum-Tid
007400    Perform Hamta-Sysin-Datum
007500    Perform Visa-Datum-Tid
007600    Perform SQL-Oppna-Cursor
007700    Perform SQL-Fetch-Cursor Until Klar
007800    Display '-->> Programmet avslutar...'
007900
008000    GoBack
008100    .
008200*-----
008300 Hamta-Datum-Tid.
008400*-----
008500    Exec SQL
008600        Select
008700            CURRENT DATE,
008800            CURRENT TIME
008900        Into
009000            :WS-Datum,
009100            :WS-Tid
009200        From
009300            SYSIBM.SYSDUMMY1
009400    End-Exec
009500    .
009600*-----
009700 Hamta-Sysin-Datum.
009800*-----
009900    Accept WS-Sysin-Datum From SYSIN
010000    .
010100*-----
010200 SQL-Oppna-Cursor.
010300*-----
010400    Exec SQL

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010500      OPEN PRISER
010600      End-Exec
010700      .
010800*-----
010900 SQL-Fetch-Cursor.
011000*-----
011100      Exec SQL
011200          FETCH PRISER
011300          INTO
011400              :DCLDRYCK.DRYCKNR,
011500              :DCLDRYCK.DRYCKNAMN,
011600              :DCLPRIS.VOLYM,
011700              :DCLPRIS.PRIS,
011800              :DCLPRIS.PRDATUM
011900      End-Exec
012000
012100      Evaluate SQLCODE
012200          When 0
012300              Perform Display-Rader
012400          When 100
012500              Set Klar to True
012600          When Other
012700              Perform SQL-Fel
012800      End-Evaluate
012900      .
013000*-----
013100 Stang-Cursor.
013200*-----
013300      Exec SQL
013400          CLOSE PRISER
013500      End-Exec
013600      .
013700*-----
013800 Display-Rader.
013900*-----
014000      Move Drycknr    in DclDryck to D-Drycknr
014100      Move Drycknamn in DclDryck to D-Drycknamn
014200      Move Volym     in DclPris  to D-Volym
014300      Move Pris      in DclPris  to D-Pris
014400      Move Prdatum   in DclPris  to D-Prdatum
014500      Display Display-Rad
014600      .
014700*-----
014800 Visa-Datum-Tid.
014900*-----
015000      Display '--> Datum  : ' WS-Datum
015100      Display '--> Tid    : ' WS-Tid
015200      Display '--> Pdatum : ' WS-Sysin-Datum
015300      Display Space
015400      .
015500*-----
015600 SQL-Fel.

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Ovn33

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015700*-----  
015800      Move SQLCODE to WS-SQLCODE  
015900      Display '*** SQL-Fel ***'  
016000      Display 'SQLCODE : ' WS-SQLCODE  
016100      Display 'SQLSTATE : ' SQLSTATE  
016200      Display 'SQLMedd : ' SQLERRMC(1:SQLERRML)  
016300      Move 99 to Return-Code  
016400      Set Klar to True  
016500      .  
016600*-----  
016700 End Program OVN33.  
016800*-----  
[]
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