```
BINARY to BCD Conversion
                                        09
          57 - 0000. ALTUAL DATA & 1001/1011/0011/0110
            CX -104
                                 L2: SI -> 0006
                                       Ax < 0001
       BX COOH
FIRST:
                                      ROR Ax, 1 = 1000, carry 1
       AX & [0000 9] & 0001.
                                      BX C BX +02 = 08+2 = 0A
       ROR Ax 1 => 1000 carry 1
                                 L3: 51 -0007
       BX = 00+08 = 08 H.
                                      Ax < 0001
  L1: 59 -> 0001
                                    LOR AX 1 = 4000, carry 1
       AX 6 0000.
        ROR Ax, 1 -> 0000, carry o
                                    BX COA to 1 COB
  L2: 52 - 000 2
                                L4 , DI COB
       AX 60000.
                                      2000 + I'M
        ROR Ax, 4 >0000, camo.
                                       ST - 0008
  L3; SI 20003
                                       Cx > 02
        Ax -> 0001
                                 CX NOT 8: 95to fust.
        RORAX, 1 & 1000 early L.
        BX € BX+01 € 08+01 € 09# BX € 00 1+
                                    AX ( 6008) (00 H
 14: [DI] € 09.
                                    ROR Ax, 1 € 0000 , carry 10
        DI @ 0001
                                 L1: 32 - 0009
       57 E 0004
                                     AX C OOH
                                    RORAX, 1 60000, carry o
         CX = 03
                                LZ: 52 -> 000 A
         Not of so gots FIRST
                                     Ax 6 0001
                                   ROR AX, 1 = 1000, carry 1
FIRST: BX COOH
                                   Bx 600+02 => 02.
        AX & [0004 ] < 0001
                                L3 , SE -000B
        ROR AX, 1 @ 1000, cary 1
                                      Ax 6 0001
        BX = BX + 08 =) 08 #.
                                   ROR AX, 1 € 1000, Carry 1
 L1: SI - 0005
                                   6x € 02+01 € 03
        AXE 0000
                                LA: (D2) <03, D2 -> 0001
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ROR AX, 1 -> 0000, caryo

59 < 0006 (x < 01 >) not o'