```
--------------------------------------------------------------------------------
Assembly listing for file ./myfirst.sasm
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SrcLin -Addr- Op Oprnd   --- Source line ---
     1                   #
     2                   # EXAMPLE SCEPSIS PROGRAM
     3                   #
     4 000000 20 00      MAIN    LDA B'0       # A = 0
     5 000002 21 01              LDB D'1       # B = 1
     6 000004 22 02              LDC X'2'      # C = 3
     7 000006 29 40              STB X'40'     # STORE B IN MEMORY ADDRESS X'40'
     8                   #LOOP   ADI D'01'     # A = A + 1
     9 000008 E8 40      LOOP    ADM X'40'     # A = A + VALUEFROMMEMADRES(X'40')
    10 00000A 30                 OPA           # OUTPUT A
    11 00000B E2 03              CPI B'11'     # COMPARE A WITH 3
    12 00000D 14 08              JL  LOOP      # JUMP TO 'LOOP' WHEN A < 3
    13                   #
    14                   # OK, JUST GOOFING AROUND IN THIS LAST PART
    15                   #
    16 00000F 20 03              LDA B'11      # A = 3
    17 000011 21 02              LDB D'2       # B = 2
    18 000013 22 01              LDC X'1       # C = 1
    19 000015 FF         ENDING HLT           # STOP
    20                   #

Phase 1 parsing ended successfully

Phase 2 parsing ended successfully

Phase 3 parsing ended successfully

End of assembly for file ./myfirst.sasm
```