```
Addition of two BCD numbers of 16 bit width
SU
        4300h
         [4300h]
                          99h
                                       ; A = 999 in BCD
         [4301h]
         [4302h]
                     =
                          01h
                                       ; B = 1 in BCD
         [4303h]
                          00h
Α
ORG 4200h
    lxi
            h, 4300h
    mov
             b, M
    inx
             h
    mov
             c, M
    inx
             h
             a, b
    mov
    add
             Μ
    mov
             b, a
    mov
             a,
    aci
             0
    inx
             h
    add
            Μ
    mov
             c, a
    mov
             a, b
    daa
    mov
             b, a
    mov
             a, c
             0
    aci
    daa
    mov
             c, a
    inx
             h
    mov
            M, b
    inx
             h
    mov
            М, с
    hlt
G
        4200h
                                       ; (try '.' here)
INT
SU
        4304h
[4304h]
                              ; ans = 1000h (1000 in BCD)
                 00h
[4305h]
                 10h
             ->
                              ;
```