5. Write an assembly language program for multiplication of two 8-bit data A7 A6 A5 A4 A3 A2 A1 A0 and B7 B6 B5 B4 B3 B2 B1 B0 using 8085 processor.

***PROGRAM:***

lda 8000

mov b,a

lda 8001

mov c,a

mvi a,00

top: add b

dcr c

jnz top

sta 8004

hlt

***OUTPUT:***

