7.Write an assembly language program for multiplying two 16-bit datausing 8086 processor.

lxi sp,2000

lhld 8000

xchg

lhld 8002

push h

pop b

lxi h,0000

shld 8052

loop: dad d

jnc ninc

push h

lhld 8052

inx h

shld 8052

pop h

ninc: dcx b

mov a,b

ora c

jnz loop

shld 8050

hlt