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

LXI H,8080

MOV B,M

INX H

XRA A

MOV C,A

LOOP: ADD M

JNZ SKIP

INR C

SKIP: DCR B

JNZ LOOP

LXI H,8085

MOV M,C

INX H

MOV M,A

HLT