EXPERIMENT 7

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

CODE:

LHLD 8500

MOV D,H

MOV E,L

LDA 8502

MOV C,A

CPI 00

JZ LOOP1

LXI H,0000

LOOP: DAD D

DCR C

JZ LOOP 1

JMP LOOP

LOOP1:SHLD 8503

HLT

