

EXPERIMENT 7:MULTIPLICATION OF TWO 16 BIT DATA

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 LOOP1

JMP LOOP

LOOP1: SHLD 8505

HLT