

EXPERIMENT: 8 DIVISION OF TWO 16 BIT DATA

LXI B,0000H

LHLD 8002

XCHG

LHLD 8000

LOOP: MOV A,L

SUB E

MOV L,A

MOV A,H

SBB D

MOV H,A

JC SKIP

INX B

JMP LOOP

SKIP: DAD D

SHLD 8006

MOV L,C

MOV H,B

SHLD 8004

HLT