1. **Write an assembly language program for dividing two 16-bit datausing 8086 processor.**

LXI B,0000H

LHLD 2052

XCHG

LHLD 2050

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 2056

MOV L,C

MOV H,B

SHLD 2057

HLT

