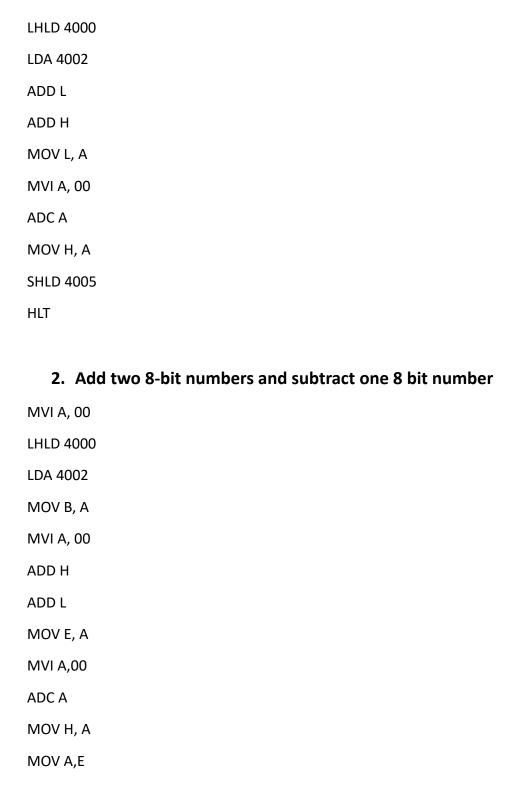
Homework 1 Week 2,

1. Add three 8-bit numbers



SUB B MOV L, A SHLD 4005

HLT

3. Add three 16-bit numbers

LHLD 4000

XCHG

MOV B,D

MOV C,E

LHLD 4002

XCHG

LHLD 4004

ADD L

ADD E

ADD C

MOV L, A

MVI A 00

ADD B

ADD D

ADD H

MOV H, A

SHLD 4008

HLT

4. Add two 16- bit numbers and subtract 16-bit number

MVI A, 00

LHLD 4000

XCHG

MOV B,D

MOV C,E

LHLD 4002

XCHG

LHLD 4004

ADD C

ADD E

SUB L

MOV L, A

MVI A, 00

ADD B

ADD D

SUB H

MOV H, A

SHLD 4008

 HLT