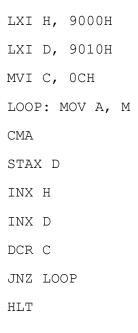
Q2. There are 12 bytes of data starting from 9000H. Transfer by complementing those data to location starting from 9010H.



Q3. WAP to add upper and lower nibble of a data stored at 9000H, and store the final result at 9010H.

LDA 9000H

ANI 0FH

MOV B, A

LDA 9000H

ANI FOH

RRC

RRC

RRC

RRC

ADD B

STA 9010H

HLT

Q4. WAP to transfer 8-bit data from one table to another by setting bit D ₅ and resetting D ₆ .
LXI H, 9000H
LXI D, 9010H
LOOP: MOV A, M
ORI 20H
ANI BFH
STAX D
INX H
INX D
MOV A, L
CPI 08H
JNZ LOOP
HLT
Q5. Write a program to transfer 8-bit data from one table to another if there is even number of
one else store zero.
LXI H, 9000H
LXI D, 9010H
MVI C, 08H
LOOP: MOV A, M
ADI 00H
JPE STOREORIGINAL
MVI A, 00H
STAX D
JMP EXIT

STOREORIGINAL: STAX D

EXIT: INX H

INX D

DCR C

JNZ LOOP

HLT