//Roll No :32410

//Problem Statement: Implement memory transfer using overlapping method.

ORG 0000H

MOV R0,#20H

MOV R1,#2EH

MOV R2,#0AH

L1:MOV A,@R0

MOV @R1,A

DEC R0

DEC R1

DJNZ R2,L1

END

//Roll No :32410

//Problem Statement: Implement memory transfer using non-overlapping method.

ORG 0000H

MOV R0,#20H

MOV R1,#40H

MOV R2,#0AH

L1:MOV A,@R0

MOV @R1,A

INC R0

INC R1

DJNZ R2,L1

END