NAME-KAMLESH CHAVAN

ROLL NO-304A033

**Exp\_5**

**Internal memory organisation**

RAM -RAM

ORG 0000H

MOV R0, #20H

MOV R1, #40H

MOV R2, #05H

BACK: MOV A, @R0

MOV @R1, A

INC R0

INC R1

DJNZ R2, BACK

END

**RAM-EX RAM**

ORG 0000H

MOV R0, #20H

MOV DPTR, #040H

MOV R2, #05H

BACK: MOV A, @R0

MOVX @DPTR, A

INC R0

INC DPTR

DJNZ R2, BACK

END

**ROM- RAM**

ORG 0000H

MOV R0, #20H

MOV R1, #05H

MOV DPTR, #0234H

BACK: CLR A

MOVC A, @A+DPTR

MOV @R0, A

INC R0

INC DPTR

DJNZ R1, BACK

ORG 0234H

DB 2H, 4H, 6H, 8H, 10H

END