INDEX TABLE MOVE

MOV A,R2 ;R2 IS THE LENGTH OF SHIFT

RLC A

MOV R2,A

CLR BYTE\_CNT

NEXT\_LOCN\_1:

MOV 0A2H,#0 ;A2H IS FOR 2ND DPTR

MOV DPTR,#2009H

MOV A,DPL

CLR C

ADD A,BYTE\_CNT

MOV DPL,A

MOV A,DPH

ADDC A,#0

MOV DPH,A

MOVX A,@DPTR

PUSH ACC

MOV 0A2H,#01

MOV DPTR,#2050H

MOV A,DPL

CLR C

ADD A,BYTE\_CNT

MOV DPL,A

MOV A,DPH

ADDC A,#0

MOV DPH,A

POP ACC

MOVX @DPTR,A

INC BYTE\_CNT

DJNZ R2,NEXT\_LOCN\_1