WITH BOTH DATA VARIABLE

CLR BYTE\_CNT\_1

MOV DPTR,#D2009L ;LENGTH DATA

MOVX A,@DPTR

MOV R2,A

MOV DPTR,#D2025H ;SOURCE DATA

MOVX A,@DPTR

MOV TEMP11,A

INC DPTR

MOVX A,@DPTR

MOV TEMP12,A

TABLE\_FILL\_NOT\_COMPLETE :

MOV DPTR,#2030H ;DESTINATION START ADDRESS

MOV A,BYTE\_CNT\_1

CLR C

ADD A,DPL

MOV DPL,A

CLR C

MOV A,DPH

ADDC A,#0

MOV DPH,A

MOV A,TEMP11

MOVX @DPTR,A

INC DPTR

MOV A,TEMP12

MOVX @DPTR,A

DJNZ R2,TABLE\_FILL\_NOT\_COMPLETE

WITH LENGTH DATA VARIABLE

CLR BYTE\_CNT\_1

MOV A,#0E8H ;LENGTH DATA CANNNOT BE MORE THAN 255

MOV R2,A

MOV DPTR,#D2025H ;SOURCE DATA

MOVX A,@DPTR

MOV TEMP11,A

INC DPTR

MOVX A,@DPTR

MOV TEMP12,A

TABLE\_FILL\_NOT\_COMPLETE :

MOV DPTR,#2030H ;DESTINATION START ADDRESS

MOV A,BYTE\_CNT\_1

CLR C

ADD A,DPL

MOV DPL,A

CLR C

MOV A,DPH

ADDC A,#0

MOV DPH,A

MOV A,TEMP11

MOVX @DPTR,A

INC DPTR

MOV A,TEMP12

MOVX @DPTR,A

DJNZ R2,TABLE\_FILL\_NOT\_COMPLETE

WITH SOURCE DATA VARIABLE

CLR BYTE\_CNT\_1

MOV DPTR,#D2009L ;LENGTH DATA

MOVX A,@DPTR

MOV R2,A

MOV A,#03H ;SOURCE MSD CONSTANT DATA

MOV TEMP11,A

MOV A,#0E8H ;SOURCE LSD DATA

MOV TEMP12,A

TABLE\_FILL\_NOT\_COMPLETE :

MOV DPTR,#2030H ;DESTINATION START ADDRESS

MOV A,BYTE\_CNT\_1

CLR C

ADD A,DPL

MOV DPL,A

CLR C

MOV A,DPH

ADDC A,#0

MOV DPH,A

MOV A,TEMP11

MOVX @DPTR,A

INC DPTR

MOV A,TEMP12

MOVX @DPTR,A

DJNZ R2,TABLE\_FILL\_NOT\_COMPLETE