微算機系統作業

〈第十二題〉陣列資料搬移

1. 原題


```
           1    ;ex4.4-1.a51
           2         DSEG  AT  30H
----       3    SRCA:   DS   8 ;source array
0030       4    DSTA:   DS   8 ;destination array
0038       5    ;block data move using one-byte-by-one-byte
           6    ;transfer
----       7         CSEG  AT  0000H
0000 E530  8    BLKMOV:  MOV  A,LOW SRCA ;transfer 1st byte
0002 F538  9         MOV  LOW DSTA,A
0004 E531  10        MOV  A,LOW SRCA+1;transfer 2nd byte
0006 F539  11        MOV  LOW DSTA+1,A
                 ........
                 ........
001C E537  22        MOV  A,LOW SRCA+7;transfer 8th byte
001E F53F  23        MOV  LOW DSTA+7,A
0020 22    24        RET
           25        END
```

2. 修正後程式碼

3. edsim51di 輸出畫面