



A. Source code :

1. Source code for Non-overlapped memory transfer :

```
ORG 00H
MOV R2,#0AH
MOV R0,#20H
MOV R1,#40H
label : MOV A,@R0
MOV @R1,A
INC R0
INC R1
DJNZ R2,label
END
```

2. Source code for Overlapped memory transfer:

```
ORG 00H
MOV R2,#0AH
MOV R0,#29H
MOV R1,#2EH
label : MOV A,@R0
MOV @R1,A
DEC R0
DEC R1
DJNZ R2,label
END
```