

Experiment 1

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Roll No. 32302

#NON OVERLAP

ORG 0000H

MOV R0,#30H

MOV R1,#40H

MOV R7,#0AH

GO: MOV A,@R0

MOV @R1,A

INC R0

INC R1

djnz R7,GO

Here :SJMP Here

END

```
#OVERLAP  
ORG 0000H  
MOV R0,#39H  
MOV R1,#34H  
MOV R7,#0AH  
GO: MOV A,@R0  
MOV @R1,A  
inc R0  
inc R1  
djnz R7,GO  
Here :SJMP Here  
END
```

OVERLAP

org 0000h

MOV R0, #39H

MOV R1, #3EH

MOV R2, #0AH

UP :MOV A, @R0

MOV @R1, A

DEC R0

DEC R1

DJNZ R2, UP

END

Output



