

28/10/2020

## LAB PROGRAM - PRACTICE

Q. Exchange contents of two arrays

A. .MODEL SMALL

.DATA

A DB 10H, 20H, 30H, 40H, 50H

B DB 11H, 22H, 33H, 44H, 55H

.CODE

MOV AX, @DATA

MOV DS, AX

LEA SI, A

LEA DI, B

MOV CL, 05H

BACK: MOV AL, [SI]

XCHG AL, [DI]

MOV [SI], AL

INC SI

INC DI

LOOP BACK

LEA SI, A

LEA DI, B

MOV BL, [SI]

MOV BH, [DI]

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MOV AH, 4CH

INT 21H

END