

LAB 2

• 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 ; SI will have starting address of a.

LEA DI, b ; DI will have starting address of b.

MOV CH, 05H

; Loop definition

BACK: MOV AL, [SI]

XCHG AL, [DI]

MOV [SI], AL

INC SI ; SI = SI + 1

INC DI ; DI = DI + 1

LOOP BACK

LEA SI, a

LEA DI, b

MOV AH, 4CH

INT 21H

END