

LAB 2

• MODEL SMALL

• DATA

N DB 6

A DB 05, 07, 04, 03, 06, 02

• CODE

MOV AX, 0 DATA

MOV DS, AX

LEA SI, A

MOV CL, N

DEC CL

OUTLOOP:

MOV CH, CL

MOV SI, 00H

INLOOP:

MOV AL, A[SI]

INC SI

CMP AL, A[SI]

JL NO EXCHANGE

XCHG AL, A[SI]

MOV A[SI-1], AL

NOEXCHANGE ;

DEC CH

JNZ INLOOP

DEC CL

JNZ OUTLOOP

MOV AH, 4CH

INT 21H

END