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LAB 2

. MODEL SMALL

· DATA

N   DB 5

A   DB   05, 07, 04 , 03, 06   execution :-

· CODE

MOV AX, @DATA

MOV DS, AS

LEA   SI, A

MOV   CL , N

DEC   CL

OUTLOOP : MOV CH , CL

MOV SI , 00H

INLOOP : MOV AL , A[SI]

   JC   NOEXCHANGE

XCHG   AL , A[SI]

MOV   A[SI - 1] , AL

NOEXCHANGE: DEC   CH

   JNZ INLOOP

DEC   CL

JNZ   OUTLOOP

```
MOV    AH, 4CH
INT    21H
END
```