LAB-3

```
.MODEL  SMALL
. DATA
N   DB  5
A   DB   06,07,04,03,06,02


. CODE
MOV AX, @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]
         JC  NO EXCHANGE
         XCHG   AL, A[SI]
         MOV    A[SI-1], AL


NO EXCHANGE:  DEC  CH
```

```
        JNZ   INLOOP
        DEC  CL
        JNZ  OUTLOOP

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