Anitej Prasad
IBM19CS194

LAB 3

.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, OOH
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   2H
END
```