LAB-2

```
.MODEL SMALL
.DATA
A DB 10h,20H,30H,40H,50H
B DB 11H,22H,33H,
.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 CL,05H
; loop defination.
BACK: MOV AL,[SI] ;[si]retrieves the element present the address in SI
      XCHG AL,[DI] ;exchange the element in al and [DI]
      MOV [SI],AL
INC SI ; SI=SI+1
INC DI
LOOP BACK ;Cx=Cx-1; if Cx!=0 then jump back to target
; to verify the output.
LEA SI,A
LEA DI,B
MOV BL,[SI]
.MOV BH,[DI]
MOV AH,4CH
END
```