.MODEL SMALL   
.STACK 100   
.DATA   
.CODE   
START: MOV AX,@DATA   
 MOV DS, AX   
 MOV AL, 80H M  
 OV DX, 24A3H   
 OUT DX, AL   
L1: MOV AL, 00H   
UP: MOV DX, 24A0H   
 OUT DX, AL   
 INC AL   
 CMP AL, 0FFH   
 JNE UP   
 MOV AL, 0FFH   
DOWN: MOV DX, 24A0H   
 OUT DX, AL   
 DEC AL   
 CMP AL, 00H   
 JNE DOWN   
 JMP L1   
 INT 03H   
 END START