.MODEL SMALL   
.STACK 100   
.DATA   
.CODE   
 DELAY PROC NEAR   
 MOV BX, 0FFFH   
 L1: MOV SI, 02FFFH   
 L2: DEC SI   
 JNZ L2   
 DEC DX   
 JNZ L1   
 RET   
 DELAY ENDP   
START: MOV AX,@DATA   
 MOV DS, AX   
 MOV AL, 80H   
 MOV DX, 24A3H   
 OUT DX, AL   
SQUARE: MOV AL, 00H   
 MOV DX, 24A0H   
 OUT DX, AL   
 CALL DELAY   
 MOV AL, 0FFH   
 MOV DX, 24A0H   
 OUT DX, AL   
 CALL DELAY   
 JMP SQUARE   
 INT 03H   
END START