

# Decimal Up Counter

- MODEL SMALL

- LODIE

MOV CL, 00

MOV AH, 00H

MOV AL, 03H

INT 10H

BACK: MOV BH, 00H

MOV DH, 00H

MOV DL, 0DH

MOV HH, 02H

INT 10H

MOV AL, CL

ADD AL, 001H

AAM

ADD AX, 3030H

MOV CH, AL

MOV DL, AH

MOV AH, 02H

INT 21H

CALL DELAY

MESID  
RAZZ

```
INC CL
XOR AX, AX
CMP CL, 100d
JNE BACK
JF LAST
```

```
DELAY PROC NEAR
    PUSH AX
    PUSH BX
    PUSH CX
    MOV CX, 0FFh
AG1: MOV BX, 0FFh
    AG1: NOP
        DEC BX
        JNZ AG1
        DEC CX
        JNZ AG1
    POP CX
    POP BX
    POP AX
    RET
DELAY ENDP
```

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

MESID  
RIZZ