

Decimal up counter

- model small

- code

```
mov cl, 00
```

```
mov ah, 00h
```

```
mov al, 03h
```

```
int 10h
```

```
back : mov bh, 00h
```

```
mov dh, 00h
```

```
mov dl, 00h
```

```
mov ah, 02h
```

```
int 10h
```

```
mov al, cl
```

```
add al, 00h
```

```
aaam
```

```
add ax, 3030h
```

```
mov ch, al
```

```
mov dl, ah
```

```
mov ah, 02h
```

```
int 21h
```

```
mov dl, ch
```

```
mov ah, 02h
```

```
int 21h
```


call delay
int cl

xor ax, ax
cmp cl, food
jne back
je last

delay proc near

push ax

push bx

push cx

mov cx, offh

ag: mov bx, offh

agi: nop

dec bx

jnx agi

dec cx

jnz ag

pop cx

pop bx

pop ax

ret

delay endp

last: mov ah, 4ch

int 21h

end