<u>Lab program - 8</u>
0-99 binary count.

```
.model small
.code
mov cl,00
mov ah, ooh
mov al, o7h.
int  10h.

back : mov bh,ooh.
       mov dh ,ooh.
       mov dl ,ooh.
       mov ah,02h.
       int 10h.

       mov al, cl
       add al,ooh.
       aam.
       add ax, 3030h.
       mov ch, al
       mov dl, ah.
       mov ah,02h.
       int 21h.
       mov dl, ch.
       mov ah, 02h.
       int 21h.
       Call  delay
       inc el.
       xor ax,ax
       cmp cl, 100d.
       jne back
```

```
        je last.

delay proc near.
push  ax
push  bx
push  cx
mov   cx, 00ffh.
ag:   mov bx, 0ffh.
ag1:  nop
dec   bx
jnz   ag1
dec   cx
jnz   ag
pop   cx
pop   bx
pop   ax
ret
delay endp.
last: mov ah, 4ch.
int   21h.
end.
```