LAB-8

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

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```
delay    proc near
push   ax
push   bx
push   cx
 mov   cx, 0ffh
ag: mov   bx, 0fffh
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.
```