```
.model small
.code
        mov cl,00
        mov ah,00
        mov al,03h
        int 10h


back :  mov bh,00h
        mov dh,00h
        mov dl,00h
        mov ah,02h
        int 10h


        mov al,cl
        add 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


        delay proc near
            push ax
            push bx
            push cx
            mov cx,0ffh
```

```
ag: mov bx,offfh

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
```