Yashwarth Kiran.S
1BM19CS187   `3D`   Batch-2

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

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
```