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MP LAB-01 BATCH

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(18H19CS176)

Program 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
```

```
mov
```

```
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 cl
xor ax, ax
cmp cl, 100d
jne back
je last
```

```
delay proc near
    push ax
    push bx
    push cx
    mov cx, 0fffh
ag: mov bx, 0fffh
agi: nop
    dec bx
    jnz agi
    dec cx
    jnz ag
    pop cx
    pop bx
    pop ax
    ret
display endp
```

```
last: mov ah, 4ch
int 21h
endp
```