

MISHAL ASIM

62516

COAL LAB 4

emu8086 - assembler and microprocessor emulator 4.08

file edit bookmarks assembler emulator math ascii codes h

new open examples save compile emulate

```
01 .model small
02 .stack 100h
03 .data
04 .code
05 main proc
06     mov ah,1
07     int 21h
08     sub al,30h
09     mov bl,al
10
11    mov ah,1
12    int 21h
13    sub al,30h
14    mov cl,al
15
16
17    add bl,cl
18    add bl,30h
19
20    mov dl,b1
21    mov ah,2
22    int 21h
23    mov ah,4Ch
24    int 21h
25
26 main endp
27 end main
28
```

TASK S

SCB emulator screen (80x25 chars)



emu8086 - assembler and microprocessor emulator 4.08

file edit bookmarks assembler emulator math ascii codes h

new open examples save compile emulate

```
01 .model small
02 .stack 100h
03 .data
04 .code
05 main proc
06     mov dl,54
07     mov ah,2
08     int 21h
09     mov dl,50
10    mov ah,2
11    int 21h
12    mov dl,53
13    mov ah,2
14    int 21h
15    mov dl,49
16    mov ah,2
17    int 21h
18    mov dl,54
19    mov ah,2
20    int 21h
21    main endp
22 end main
23
```

emulator screen (80x25 chars)

459