

```

01 org 100h
02 .model small
03 .stack 100h
04 .data
05
06 Msg DB 'The sum is: $'
07
08 sum_str db 3 dup(0)
09 ARR db 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
0a
0b .CODE
0c main proc
0d     mov ax,@data
0e     mov ds,ax
0f
10     lea dx,Msg
11     mov ah,09h
12     int 21h
13
14     mov cx,15
15     mov ax,0
16     mov bx, offset ARR
17
18     repeat:
19         add al,[bx]
1a         inc bx
1b         dec cx
1c         jnz repeat
1d
1e     mov cx, 3
1f     mov dx, offset sum_str
20     loop:
21         mov ah, 0
22         mov bl, 10
23         div bl
24         mov bl, ah
25         add bl, 30h
26         mov [si],bl
27         inc si
28         dec cx
29         jnz loop
2a
2b     mov cx, 3
2c     loop1:
2d         mov dx, offset sum_str
2e         add dx, cx
2f         dec si
30         mov dl, [si]
31         mov ah, 02h
32         int 21h
33         ---

```

```

33             dec cx
34             jnz loop1
35
36     main endp
37 END main
38
39 ret

```

SCM emulator screen (80x25 chars)

```
The sum is: 120
```

```

02 org 100h
03 .data
04 msg db 'thofazzol id:204114 $'
05 .code
06 main proc
07     mov ax,@data
08     mov ds,ax
09
10     lea dx,msg
11     mov ah,09h
12     int 21h
13
14     mov ah,02h
15     mov dl,0dh
16     int 21h
17     mov dl,0ah
18     int 21h
19
20     mov cx,13
21     xor si,si
22
23     top:
24     cmp msg[si], ' '
25     je next
26     and msg[si],0dfh
27
28     next:
29     inc si
30     loop top
31
32     lea dx,msg
33     mov ah,09h
34     int 21h
35
36     mov ah,4ch
37     int 21h
38     main endp
39 end main
40 ret

```

SCM emulator screen (80x25 chars)

```
thofazzol id:204114
THOFAZZOL ID→204114
```