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Sap id=63024
Riphah International University
BS-Software Engineering -03

```
01  .model small
02  .stack 100h
03  .data
04  .code
05  main proc
06      mov bl,3
07      mov cl,1
08      sub bl,cl
09      l
10      add bl,48
11      mov dl,bl
12      mov ah,2
13      int 21h
14      main endp
15  end main
```
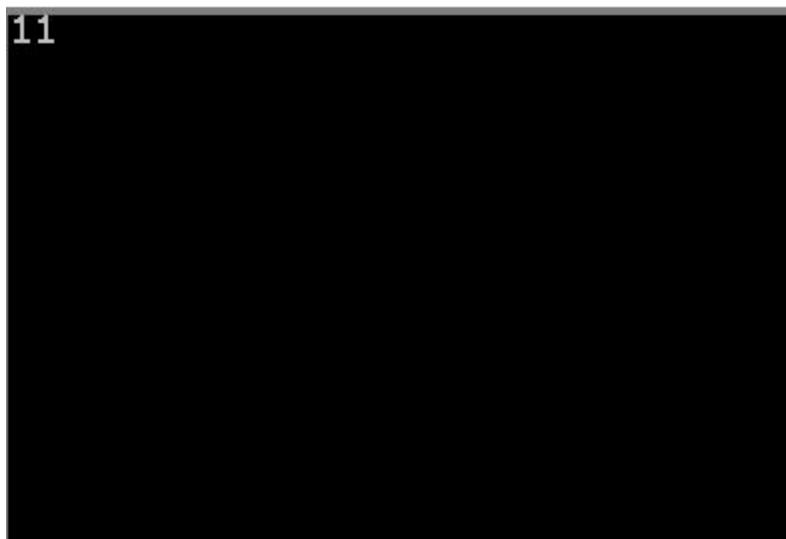
2

```
01  .model small
02  .stack 100h
03  .data
04  .code
05  main proc
06  mov ah, 1
07  int 21h
08  mov bl, al
09  mov ah, 1
10  int 21h
11  sub bl,al
12  add bl,48
13  mov dl,bl
14  mov ah,2
15  int 21h
16  mov ah,4ch
17  int 21h
18  main endp
19  end main
```

422

```
01  .model small
02  .stack 100h
03  .data
04  .code
05  main proc
06  mov ah,1
07  int 21h
08  mov dl, al
09  mov ah,2
10  int 21h |
11  mov ah,4ch
12  int 21h
13  main endp
14  end main
```

```asm
.model small
.stack 100h
.data
.code
main proc
        mov ah, 1
        int 21h
        sub al, 48
        mov bl, al

        mov ah, 1
        int 21h
        sub al, 48
        add bl, al

        mov ah, 1
        int 21h
        sub al, 48
        add bl, al

                add bl,48
                mov dl,bl|
        mov ah, 2
        int 21h

        mov ah, 4ch
        int 21h
main endp
end main
```
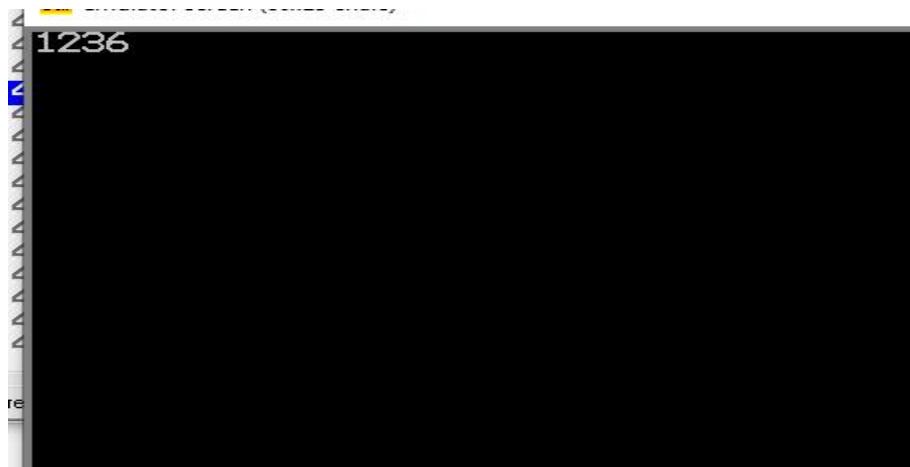
```
1236
```

```asm
.model small
.stack 100h
.code
main:
    ;
    mov ah, 1
    int 21h
    sub al, 30h
    mov bl, al


    mov ah, 1
    int 21h
    sub al, 30h
    mov bh, al


    mov ah, 1
    int 21h
    sub al, 30h
    mov cl, al


    mov al, bl
    sub al, bh
    add al, cl
    sub al,1
    add al, 30h
    mov dl, al
    mov ah, 2
    int 21h


    mov ah, 4ch
    int 21h
end main
```

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