

## PRACTICAL: 2(A3)

**AIM:** Convert the C program into Assembly language

```
main() {  
    int  
    l,m,n,o,p  
    ; l=m+n-  
    o+p; }
```

**CODE:**

```
org 100h
```

```
mov ax, 3000h  
mov ds, ax
```

```
mov al, 20h  
mov bl, 25h  
mov cl, 15h  
mov dl, 30h
```

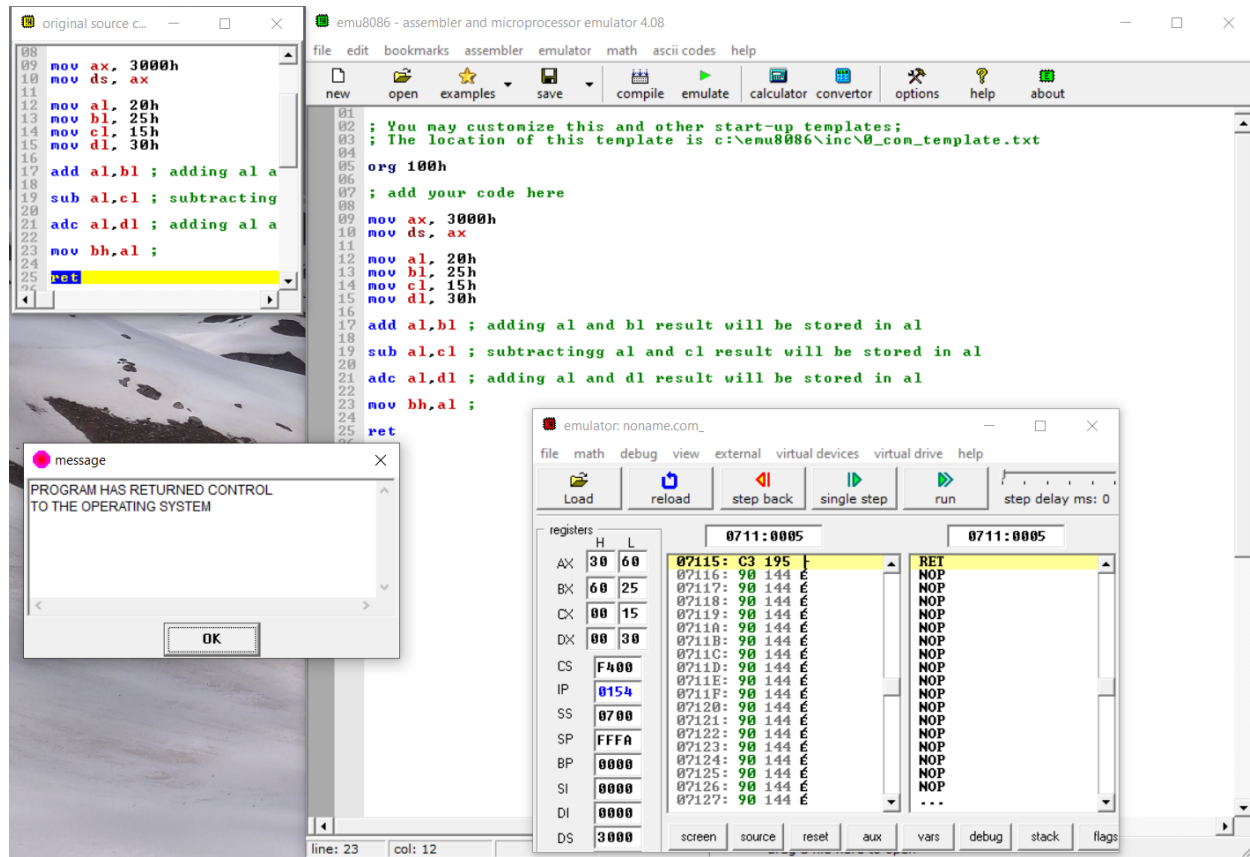
add al,bl ; adding al and bl result will be stored in al

sub al,cl ; subtracting al and cl result will be stored in al

adc al,dl ; adding al and dl result will be stored in al

```
mov bh,al ;
```

```
ret
```

**OUTPUT:****CONCLUSION:**

We learned to interpret and convert code into C language from Assembly language.