



Green University of Bangladesh
Department of Computer Science and Engineering (CSE)
Faculty of Sciences and Engineering
Semester: (Spring, Year: 2025), B.Sc. in CSE (Day)

CLP # 04

Course Title : Microprocessors, Microcontrollers and Embedded Systems Lab
Course Code : CSE-304 Section : D4

Student Details

Name	ID
Promod Chandra Das	231002005

CLP Date : 10-03-25

Submission Date : 10-03-25

Course Teacher's Name : Md. Romzan Alom

[For Teachers use only: **Don't Write Anything inside this box**]

<u>Lab Report Status</u>	
Marks:	Signature:.....
Comments:.....	Date:.....

CODE :

```
.model small  
.stack 100h  
.data
```

```
msg1 db 0dh,0ah,"enter 1st num : $"  
msg2 db 0dh,0ah,"enter 2nd num : $"
```

```
msg3 db 0dh,0ah,"addition is : $"
```

```
num1 db ?  
num2 db ?  
sum db ?  
.code
```

```
main proc
```

```
    mov ax, @data  
    mov ds, ax
```

```
    mov bl,10
```

```
summation :  
    mov ah,9  
    lea dx, msg1  
    int 21h
```

```
    mov ah,1  
    int 21h
```

```
    mov num1,al
```

```
    mov ah,9  
    lea dx, msg2
```

int 21h

mov ah,1

int 21h

mov num2,al

add al, num1

mov sum, al

mov ah,9

lea dx,msg3

int 21h

mov ah,2

mov dl, sum

int 21h

sub bl,1

cmp bl,0

je ex :

jne summation:

ex:

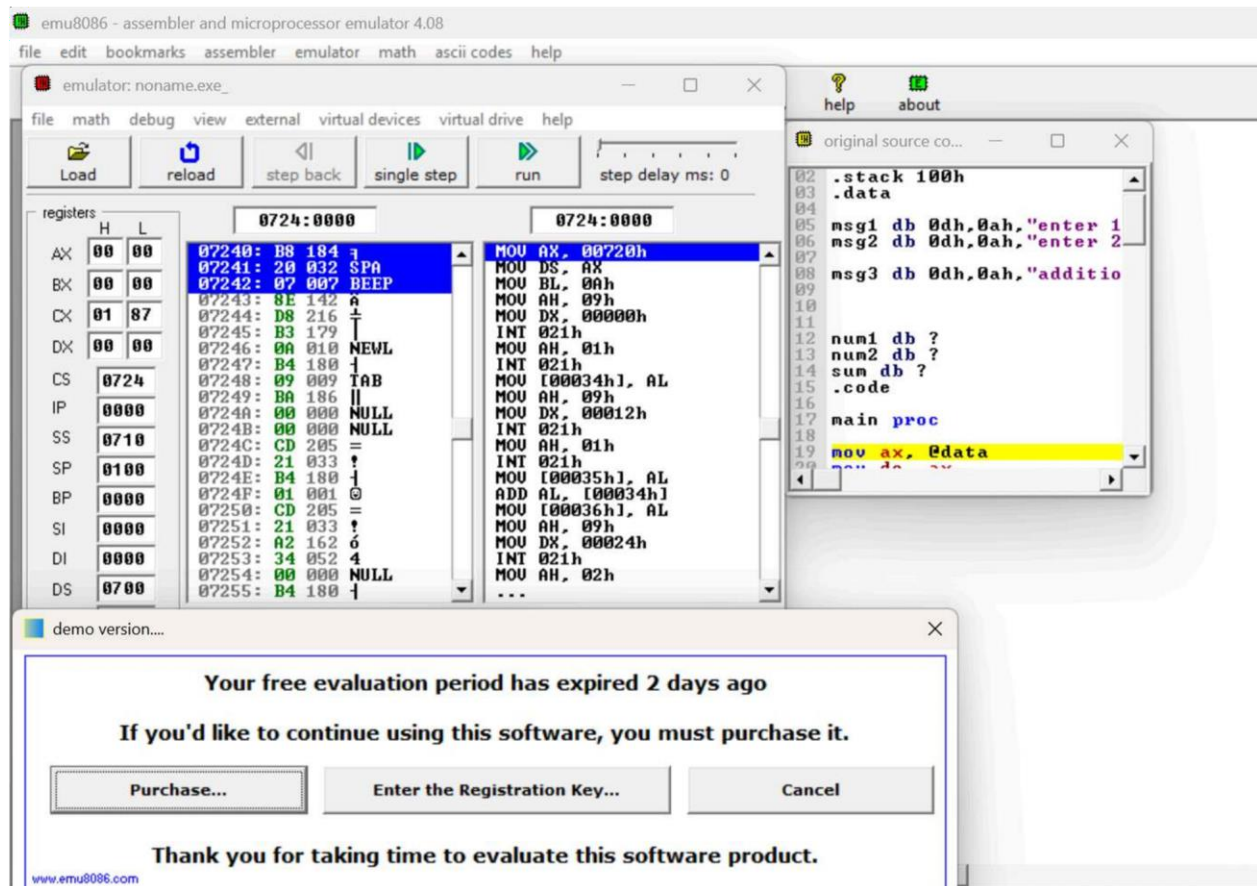
mov ah, 4ch

int 21h

main endp

end main

OUTPUT :



The test was interrupted because the emu8086 emulator trial period expired, preventing further execution. Additionally, an attempt was made to use an online compiler, but it did not work due to compatibility issues with 8086 assembly language.