Ruhul Amin
18-38001-2

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

n   db  'Enter First  Number :  $'
y   db  'Enter second  Number :  $'
z   db  'Result (Addition)    :  $'

.code

main proc
    mov ax, @data          ; Initialize data segment into code segment
    mov ds, ax

    mov ah, 9              ; Show on screen, value of n
    lea dx, n
    int 21h

    mov ah, 1             ; User Input
    int 21h
    mov bl, al

    mov ah, 2            ; NewLine show
    mov dl, 10
    int 21h
    mov dl, 13
    int 21h

    mov ah, 1        ; Input user
    int 21h
    mov bh, al
```

```asm
mov ah,2        ; Newline Point
mov dl,10
int 21h
mov dl,13
int 21h

mov ah,9        ; Show on screen, value of y
lea an,@y
int 21h

mov ah,1        ; User Input
int 21h
mov bh,al

mov ah,2        ; Point Newline
mov dl,10
int 21h
mov dl,13
int 21h

mov ah,9        ; Show on screen, value of 2
lea an,2
int 21h

add bl,bh       ; bl = bl+bh
sub bl,48
```

```
mov ah, 2        ; output @ Show on the screen
mov dl, bl
int 21h

exit :
    mov ah, 4ch
    int 21h
    main endp

end main
```

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18-39001-2

```
.model small
.stack 100h
.data
.code
    main proc
        mov ah, 1      ; user Input
        int 21h
        mov bl, dl

        mov ah, 1      ; Enter second user Input
        int 21h
        mov bh, dl

        mov ah, 2      ; Print output
        mov dl, bl
        int 21h

        mov ah, 2      ; print output
        mov dl, bh
        int 21h
    exit:
        mov ah, 4ch
        int 21h
        main endp
end main
```

Ruhul Amin
18-38001-2

```
.model small
.stack 100h
.data
msg db 4
msg2 db ?
.code

    main proc
        mov  ax,@data     ; initialize data segment into code segment
        mov  ds,ax

        mov ah,2          ; show on screen, value of 4
        add  msg,48
        mov dl,msg
        int 21h

      - mov ah,1          ; user input
        int 21h
        mov bl,al
            msg1
        mov ah,2          ; output print
        mov dl, msg1
    exit:
        mov ah,4ch
        int 21h
        main endp

    end main
```

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18-38001-2

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

main proc
    mov ah, 1        ; user input
    int 21h
    mov bl, al

    mov ah, 1        ; user input
    int 21h
    mov bh, al

    mov ah, 2        ; print newline
    mov dl, 10
    int 21h
    mov dl 13
    int 21h

    mov ah, 2        ; show on screen, output
    mov dl, bl
    int 21h

    mov ah, 2        ; show on screen, output
    mov dl, bh
    int 21h
exit;
    mov ah, 4ch
    int 21h
    main endp
end main
```

Ruhul Anoin
18-38001-2

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

  m db 'I Love AIUB $'

.code

   main Proc
        mov ax,@data   ; Initialize data segment into code segment
        mov ds,ax

        mov ah,9   ; Show on screen, value of m
        lea dx, m
        int 21h

        mov ah,2      ; Pount newline
        mov dl,10
        int 21 h
        mov dl, 13
        int 21 h

        mov ah,1      ; user input
        int 21h
        mov bl,al

        mov ah,2      ; print newline
        mov dl, 10
        int 21 h
        mov dl, 13
        int 21h
```

```
.   mov ah,2      ; show on screen, output
    mov dl,bl
    int 21h

exit:
    mov ah, 4ch
    int 21h
    main endp

end main
```

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

a  db  'Enter your First number  : $'
         10,13,
b  db   'Enter your second number : $'

c  db   ~~Enter~~ ,10,13, 'Result (subtract) : $'

    main proc
        mov  ax,@data ; Initialize data segment into code segment
        mov  ds,ax

        mov  ah,9      ; show on screen, vale of a : two
        lea  dx,a
        int  21h

        mov  ah,1      ; user input
        int  21h
        mov  bl,al

        mov  ah,9      ; show on screen, value of b
        lea  dx,b
        int  21h

        mov  ah,1      ; user input
        int  21h
        mov  b.h, al
```

Ruhul Amin
18-38001-2

```asm
        mov  ah,9        ; show on screen, value of e
        lea  dx,c
        int  21h

        sub  bl,bh
        add  bl,48

        mov  ah,2        ; output of the result
        mov  dl,bl
        int  21h

exit:
        mov  ah,4ch
        int  21h
        main endp

end     main
```