

FACULTY OF COMPUTING RIPHAH INTERNATIONAL UNIVERSITY

LAB TASK # 09

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BS-SE 3rd Semester

Submitted to : Ma'am Fareeha

Date: 16/10/2024

Subject : COAL-LAB

Task: 01

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The edit Dockmaks assembler emulator mat
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Task: 02

```
Reference (Chamados Aby Goundarder He dass task 1 comparing using jump arm
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| Comparing the property of the prope
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Task: 03

```
edit C\emu8086M\source\online task 3 num 0 or pos.asm
file edit bookmarks assembler emulator math ascii codes help

| Description | Property | 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       - 6 ×
                                             data

data

fine sign be defined and the sign of the s
                                                                       .code
                                                                       main proc
                                                                                                          mov ax,@data
                                                                                                mov dx.offset msg1
mov ah.9
int 21h
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Enter one digit number :
The number is positive !
                                                                                                             mov ah,1
int 21h
sub al,48
                                                                                                                cmp al,0
                                                                                                                    jg positive
je zero
                                                                                                                    positive:

mov dx, offset msg2
mov ah, 9
int 21h
jmp exit
                                                                                                          zero:
mov dx,offset msg3
mov ah,9
int 21h
                                                                                                          exit:

mov ah, 4ch
int 21h
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          clear screen change font
                                   44 main endp
45 end main
```

Task: 04

```
edit: C\text{cNemu8080MySource\text{conline} tasks a num 0 or pos.asm} file edit bookmarks assembler emulator math accitodes help

| Description | Proceedings | Proceded | Proceedings | Proceded | Proceded | Proceedings | Proceded | Proceded | Proceedings | Proceded | Proceedings | Proceedings | Proceded | Proce
                                    .data
msg1 DB 'Enter your labs Mid-term Marks ( 10 ) : $'
msg2 DB 10.13. 'Need hard work t$'
msg3 DB 10.13. 'Satisfactory t$'
                        08
09 .code
                                      main proc
                                                     mov ax, edata
mov ds, ax
                                                  mov dx.offset msg1
mov ah.9
int 21h
                                                                                                                                                                                                                                                                                    Enter your labs Mid-term Marks
Satisfactory !
                                                     mov ah,1
int 21h
sub al,48
                                                           cmp al,5
                                                            jl NHW
jmp S
                                                              NHU:

mov dx, offset msg2

mov ah, 9

int 21h

jmp exit
                                                     S:
mov dx. offset msg3
mov ah. 9
int 21h
                                                       exit:

mov ah, 4ch

int 21h
                                                                                                                                                                                                                                                                                clear screen change font
                      43
44 main endp
45 end main
                                                                                                                                                                                                                                                                                                                     drag a file here to open
```