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| Lab Task: 4 |
| Code:  .MODEL SMALL  .STACK 100h  .DATA  msg1 db "Enter First Number:$"  msg2 db "Enter Second Number:$"  msg3 db "Enter Third Number:$"  msg\_small db "Smallest Number: $"  .CODE  MAIN PROC  mov ax, @data  mov ds, ax  ;First Number  mov ah, 09h  lea dx, msg1  int 21h  mov ah, 01h  int 21h  sub al, 30h  mov bl, al ; Store first number in BL      mov ah,02h  mov dx,0dh  int 21h  mov dx,0ah  int 21h  ;Second Number  mov ah, 09h  lea dx, msg2  int 21h  mov ah, 01h  int 21h  sub al, 30h  cmp al, bl  jl store\_second  jmp check\_third      store\_second:  mov bl, al      check\_third:  mov ah,02h  mov dx,0dh  int 21h  mov dx,0ah  int 21h  ;Third Number  mov ah, 09h  lea dx, msg3  int 21h  mov ah, 01h  int 21h  sub al, 30h  cmp al, bl  jl store\_third  jmp display  store\_third:  mov bl, al    mov ah,02h  mov dx,0dh  int 21h  mov dx,0ah  int 21h  display:  ; Display result message  mov ah, 09h  lea dx, msg\_small  int 21h  ; Convert smallest number to ASCII and print  mov ah, 02h  add bl, 30h  mov dl, bl  int 21h  ; Exit  mov ah, 4Ch  int 21h  MAIN ENDP  END MAIN  Output: |