## Code:-

;declare a empty string ;accept a string from user ;find length of string ;display length global \_start section .data ;Taking input from user msg db "input a string:" msg\_len equ \$-msg msg1 db "length of string is:" msg1\_len equ \$-msg1 section .bss str1 resb 30h var1 resb 1 section .text \_start: mov rax,1 mov rdi,1 mov rsi,msg mov rdx,msg\_len syscall mov rax,0 mov rdi,0 mov rsi,str1 mov rdx,30h syscall

dec al cmp al,9 jb dn add al,37h jmp dn1

dn: add al,30h

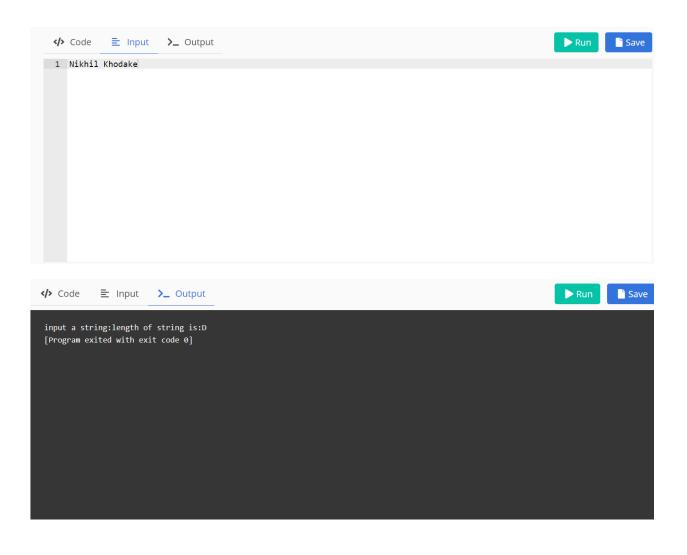
dn1:mov [var1],al

mov rax,1 mov rdi,1 mov rsi,msg1 mov rdx,msg1\_len syscall

mov rax,1 mov rdi,1 mov rsi,var1 mov rdx,1 syscall

mov rax,60 mov rdi,0 syscall

## **Output:-**



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Nikhil Vinod Khodake 9022 SE Computer MP Assignments