SYSTEM PROGRAMMING LAB LAB 1

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Q1.> Write a Assembly language program to print your name and enrolment number.

section .text

global_start ;must be declared for linker (ld)

_start: ;tells linker entry point

mov edx,len ;message length

mov ecx,msg ;message to write

mov ebx,1 ;file descriptor (stdout)

mov eax,4 ;system call number (sys_write)

int 0x80 ;call kernel

mov eax,1 ;system call number (sys_exit)

int 0x80 ;call kernel

section .data

msg db 'NAME: NIRAJ KUMAR , ENROLLMENT NO. :

BT19CS031', 0xa ;string to be printed

len equ \$ - msg ;length of the string

<u>output</u>

