Name=Thanjavur Sumanth class=sy-6 roll no.=58

Title=division using aam

Code

global \_start:

section .data

val: db 0

vah: db 0

newline db 10

section .text

\_start:

mov al , 8

mov bl , 2

div bl

aam

add al , '0'

mov [val],al

add ah , '0'

mov [vah],ah

mov eax , 4

mov ebx , 1

mov ecx , vah

mov edx , 1

int 80h

mov eax , 4

mov ebx , 1

mov ecx , val

mov edx , 1

int 80h

mov eax, 4

mov ebx, 1

mov ecx, newline

mov edx,1

int 0x80

mov eax ,1

int 80h

output

