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**BCS211037**

**Section no 1**

Quiz

.model small

.data

msg db "Enter any number: $"

msg1 db 0ah,0dh, "Yes, it is divisible by 5 $"

msg2 db 0ah,0dh,"No, is not divisible by 5 $"

.code

mov ax, @data

mov ds, ax

; Print string

mov ah, 09

lea dx, msg

int 21h

; Taking input from user

mov ah, 01

int 21h

sub al, 48

mov ah, 0

mov bl, 5

div bl

; remender copyed

cmp ah, 0

;jump if remender is zero

jz divisible

;print msg

mov ah, 09

lea dx, msg2

int 21h

jmp end

divisible:

mov ah, 09

lea dx, msg1

int 21h

end:

