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**Seat No: B20103066**

**Subject: Assembly Language**

**Submitted To: Ma’am Farheen Faisal**

; Program to print the input number is equal or not in assembly language

.model small

.stack 100h

.data

msg1 db "Number is equal$"

msg2 db "Number is not equal$"

.code

Main Proc

Mov ax, @data

Mov ds, ax

Mov dl, "3"

Mov ah, 1

INT 21h

cmp al, dl

je Loop1

mov dx, offset msg2

mov ah, 9

INT 21h

Mov ah, 4ch

INT 21h

Loop1:

mov dx, offset msg1

mov ah, 9

INT 21h

Mov ah, 4ch

INT 21h

Main endp

End Main