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**Class Roll No: 66**

**Seat No: B20103066**

**Subject: Assembly Language**

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

; Loop, Label, Inc and Program to print 0 to 9

.model small

.stack 100h

.data

.code

Main Proc

Mov cx, 10

Mov dx, 48

Loop1:

Mov ah, 2

INT 21h

; Add dx, 1 ; Add 1 to 48

Inc dx ; Increment by 1

Loop Loop1

Mov ah, 4ch

INT 21h

Main endp

End Main

; Print A-Z

.model small

.stack 100h

.data

.code

Main Proc

Mov cx, 26

Mov dx, 65

Loop1:

Mov ah, 2

INT 21h

; Add dx, 1 ; Add 1 to 48

Inc dx ; Increment by 1

Loop Loop1

Mov ah, 4ch

INT 21h

Main endp

End Main