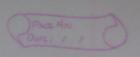Name: S Skanda

USN: 1BM19CS137

Program to count numbers from 1 to 99

```
.MODEL SMALL
.CODE
    MOV CL, 00
    MOV AH, 00H
    MOV AL, 05H
    INT 10H

BACK: MOV BH, 00H
      MOV DH, 00H
      MOV DL, 00H
      MOV AH, 02H
      INT 10H

      MOV AL, CL
      ADD AL, 00H
      AAM
      AAD AX, 3030H
      MOV CH, AL
      MOV DL, AH
      MOV AH, 02H
      INT 21H
      MOV DL, CH
      MOV AH, 02H
      INT 21H
      CALL DELAY
      INC CL
      XOR AX, AX
      CMP CL, 100D
      JNG BACK
      JE LAST
```

```
DELAY   PROC NEAR
    PUSH AX
    PUSH BX
    PUSH CX
    MOV CX, 00FFH

AG: MOV BX, 0FFH
AG1: NOP
    .
    DEC BX
    JNZ AG1
    DEC CX
    JNZ AG
    POP CX
    POP BX
    POP AX
    RET
DELAY ENDP

LAST: MOV AH, 4CH
    INT 21H
    END
```