CLASS LAB TEST-1

LAB-1   COA (I)

```
INCLUDE "emu8086.inc"

.MODEL SMALL

.STACK  100H

.CODE

  MAIN PROC

  PRINT "ENTER ACADEMIC YEAR (1, OR 2, 0R 3):"

  MOV AH,1

  INT 21H

  PRINTN

  MOV CL, 2

  SUB AL, 48

CMP AL, CL

  JL FIRST

  JE SECOND

  JG THIRD

FIRST:

  PRINTN "YOU ARE UNDER YEAR 2"

  JMP END_CASE

SECOND:

  PRINTN "YOU ARE IN YEAR 2"

  JMP END_CASE

THIRD:

  PRINTN "YOU ARE ABOVP YEAR 3"

  END_CASE:

MOV AH, 4Ch

INT 21H

MAIN ENDP

  END MAIN
```

LAB-2

INCLUDE "EMU8086.INC"

.MODEL SMALL

.STACK 100H

.CODE

MAIN PROC

   PRINT 'INPUT A CHARACTER:'

   MOV AH,1

   INT 21H

   MOV BL,AL

   MOV CX,8

   TOP:

   MOV DL,0DH

   MOV AH,2

   INT 21H

   MOV DL,0AH

   MOV AH,2

   INT 21H

   MOV DL,BL

   MOV AH,2

   INT 21H

   LOOP TOP

   LAST:

   MOV AH,4CH

   INT 21H

   MAIN ENDP

ENDS MAIN