

Lab Experiment 7: Binary Count

- MODEL SMALL
- CODE

```
MOV CL, 00
MOV AH, 00H
MOV AL, 03H
INT 10H
```

```
BACK: MOV BH, 00H
      MOV DH, 00H
      MOV DL, 00H
      MOV AH, 02H
      INT 10H
      MOV AL, CL
      ADD AL, 00H
      AAM
      ADD 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, 1000
      JNE BACK
      JE LAST
```

```
DISPLAY PROC NEAR
  PUSH AX
  PUSH BX
  PUSH CX
  MOV CX, 00FFH
  AG1: MOV BX, 00FFH
  AG11: NOP
```

DEC BCL

JNZ AG1

DEC CCL

JNZ AG1

POP CCL

POP BCL

POP AX

RET

DELAY ENDP

LAST: MOV AH, 4CH
INT 21H
END