

MODEL SMALL

.DATA

N DB 05H

R DB 02H

NCRVAL DW 01H DUP(?)

.CODE

```
START:  MOV AX, @DATA
        MOV DS, AX
        MOV CL, R
        MOV CH, N
        XOR AX, AX
        CALL NCR
        MOV [NCRVAL], AX
        MOV AH, 4CH
        INT 21H
```

NCR PROC NEAR

```
    CMP CH, CL
    JE  EXIT
    JC  EXIT
    CMP CL, 01H
    JE  EXIT
    CMP CL, 00H
```

MESID  
R12

Date

No.

JB EQUAL

DEC CH

PUSH CX

CALL NCR

POP CX

DEC CL

CALL NCR

RET

NEXT: XOR BX, BX

MOV BL, CH

ADD AX, BX

RET

EQUAL: ADD AX, 01H

FINISH: RET

NCR ENDP

END START

MESID  
RAZZ