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.MODEL SMALL
.STACK 100H
.DATA
    MSGA DB 'Enter the Front for triangle: $'
    MSGB DB 13,10,'The Required Triangle: $'
    MSGC DB 13,10,'$'

    FRO DB ?

.CODE
MAIN PROC
    MOV AX, @DATA
    MOV DS, AX

    LEA DX, MSGA
    MOV AH, 9
    INT 21H

    MOV AH, 1                ;INPUT OF FRONT FOR TRIANGLE
    INT 21H
    MOV FRO,AL

    LEA DX, MSGB
    MOV AH, 9
    INT 21H

    LEA DX, MSGC
    MOV AH, 9
    INT 21H

    MOV CX, 0

PRINT_TRIANGLE:

    INC CX
    MOV BX, CX

    PRINT_EACH_LINE:
        MOV AH, 2
        MOV DL, FRO          ;PRINT FRONT
        INT 21H

        DEC BX
        JNZ PRINT_EACH_LINE

    LEA DX, MSGC
    MOV AH, 9
    INT 21H

    CMP CX, 10
    JE END_PRO
    JMP PRINT_TRIANGLE

END_PRO:
    MOV AH, 4CH
    INT 21H

MAIN ENDP
END MAIN

```

