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.model small
.stack 100h
.data
    grade db ?
    msg db 'Grade: $'
.code
Main proc
    mov ax, @data
    mov ds, ax

    ; Input the score (0-9)
    mov ah, 1
    int 21h
    sub al, '0'

    ; Determine the grade based on score
    cmp al, 9
    ja invalid_input    ; If input>9, jump to invalid_input
    cmp al, 8
    jae A_grade         ; If score>=8, grade A
    cmp al, 6
    jae B_grade         ; If score>=6, grade B
    cmp al, 4
    jae C_grade         ; If score>=4, grade C
    cmp al, 2
    jae D_grade         ; If score>=2, grade D
    jmp F_grade         ; Else, grade F

A_grade:
    mov grade, 'A'
    jmp print_grade

B_grade:
    mov grade, 'B'
    jmp print_grade

C_grade:
    mov grade, 'C'
    jmp print_grade

D_grade:
    mov grade, 'D'
    jmp print_grade

F_grade:

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    mov grade, 'F'
    jmp print_grade

invalid_input:
    mov grade, '?'

print_grade:
    mov ah, 9
    lea dx, msg
    int 21h

    mov dl, grade
    mov ah, 2
    int 21h

    mov ah, 4Ch
    int 21h

Main endp
end Main
```