ASSUME CS: CODE, DS: DATA   
DATA SEGMENT   
N DB 5   
RES DB ?   
DATA ENDS   
CODE SEGMENT   
START: MOV AX, DATA   
 MOV DS, AX   
 MOV AL, N   
 CALL FACT   
 MOV AH, 4CH   
 INT 21H   
 FACT PROC   
 COMP AL, 00  
 JE CAL  
 PUSH AX  
 DEC AL  
 CALL FACT  
 POP AX   
 MUL RES  
 MOV RES, AL  
 RET  
 CAL: MOV RES, 01  
 RET  
 FACT ENDP   
   
CODE ENDS   
END START