ASSUME CS: CODE, DS: DATA   
DATA SEGMENT   
FIBO DB 10 DUP (?)   
N DB 0AH   
DATA ENDS   
CODE SEGMENT   
START: MOV AX, DATA  
 MOV DS, AX  
 LEA SI, FIBO  
 MOV AL, 00H  
 MOV [SI], AL  
 INC SI  
 MOV BL, 01H  
 MOV [SI], BL  
 INC SI  
 MOV CL, N   
 SUB CL, 2  
 MOV CH, 00   
NEXT\_NO: ADD AL, BL  
 MOV [SI], AL   
 INC SI  
 XCHG AL, BL  
 LOOP NEXT\_NO  
 MOV AH, 4CH  
 INT 21H   
 CODE ENDS   
 END START