.MODEL SMALL

.DATA

RES DB ?

CNT DB 0AH

.CODE

MOV AX,@DATA

MOV DS,AX

LEA SI,RES

MOV CL,CNT

MOV AX,00H

MOV BX,01H

L1:

ADD AX,BX

DAA

MOV [SI],AX

MOV AX,BX

MOV BX,[SI]

INC SI

LOOP L1

MOV AH,4CH

INT 21H

END