**;Write a program to generate and store a multiplication table of a number stored as num1**

**.MODEL SMALL**

**.STACK 64**

**.DATA**

**NUM1 DB 8, 10 DUP(0)**

**.CODE**

**MOV AX,@DATA**

**MOV DS,AX**

**LEA DI,NUM1**

**MOV SI,DI**

**MOV AX,0000H**

**MOV CX,000AH**

**MOV BL,00H**

**AGAIN: MOV AL,[SI]**

**INC BL**

**MUL BL**

**INC DI**

**MOV [DI],AL**

**LOOP AGAIN**

**MOV AH,4CH**

**INT 21H**

**END**