EXPERIMENT-6

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Group-I4

**AIM-** Write a program to generate the 1st 8 elements of the Fibonacci series.

**PROGRAM-**

SARTHAK BHATIA

MEM1 DB 08H

RES DB 8 DUP (?)

SARTHAK ENDS

BHATIA SEGMENT

ASSUME CS:BHATIA , DS:SARTHAK

START: MOV AX,SARTHAK

MOV DS,AX

MOV SI, OFFSET(RES)

MOV AL , 00H

MOV [SI],AL

ADD SI, 01H

ADD AL, 01H

MOV [SI],AL

MOV CX , OFFSET(MEM1)

SUB CX,0002H

L1 : MOV AL, [SI-1]

ADD AL,[SI]

INC SI

MOV [SI],AL

LOOP L1

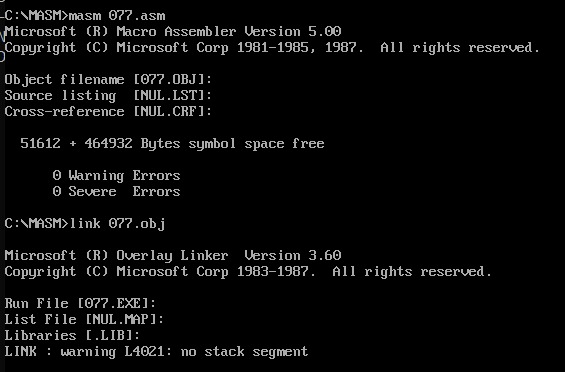
INT 03H

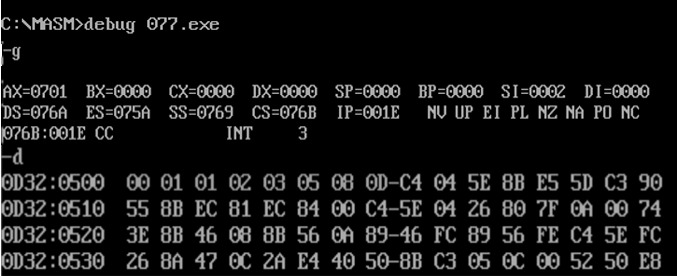
BHATIA ENDS

END START

END

**OUTPUT-**

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