

PRACTICAL – 41**AIM:**

Write an assembly language program to fill the memory locations starting from 3000h, with n Fibonacci numbers.

CODE:

org 100h

MOV AL, 00H
MOV SI, 3000H
MOV [SI], AL

ADD SI, 1
ADD AL, 1

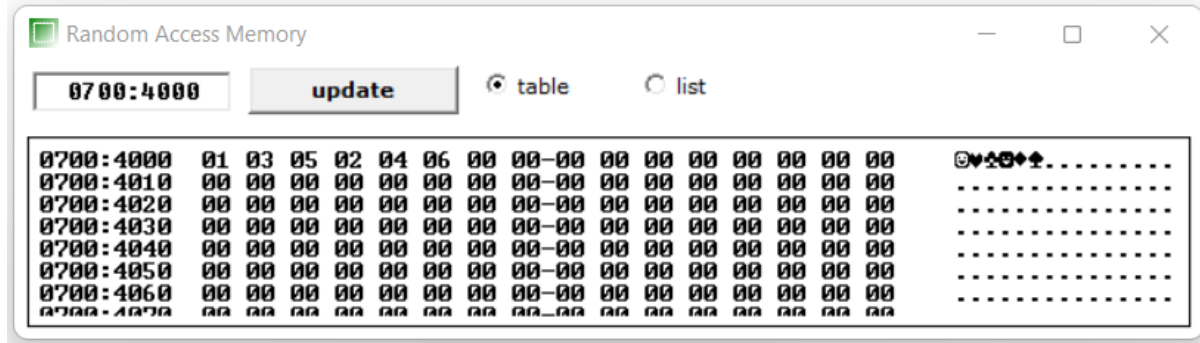
MOV [SI], AL

L1:
MOV AL, [SI-1]
ADD AL, [SI]
ADD SI, 1
MOV [SI], AL

LOOP L1:
HLT

ret

OUTPUT:



CONCLUSION: In this practical, we learnt how to generate a fibonacci series of n numbers & store the result in contiguous memory locations.