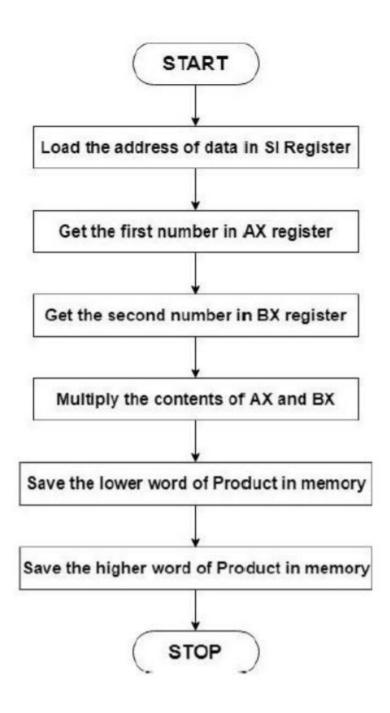
Experiment-2

Aim: Multiplication of two 16-bit numbers.

Algorithm:



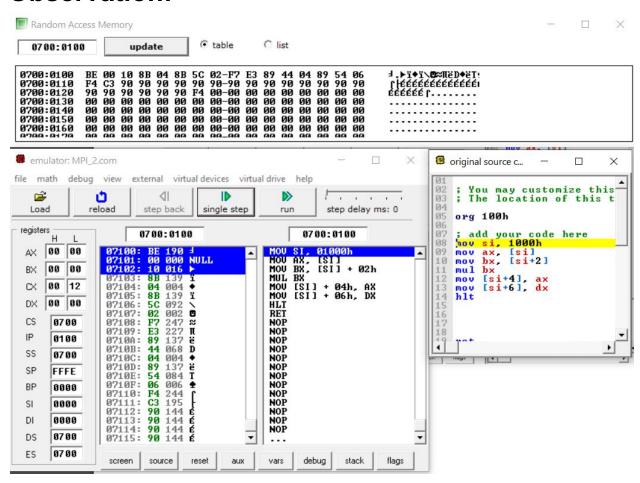
Program:

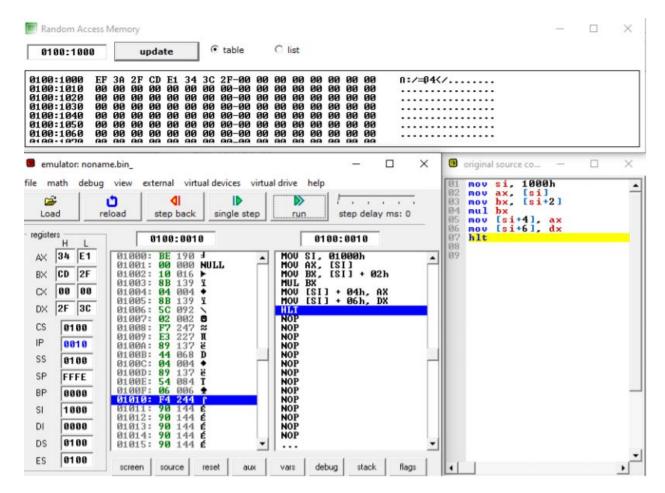
```
; You may customize this and other start-up templates;
; The location of this template is c:\emu8086\inc\0_com_template.txt

org 100h

; add your code here
mov si, 1000h
mov ax, [si]
mov bx, [si+2]
mul bx
mov [si+4], ax
mov [si+6], dx
hlt
```

Observation:





(Arkajyoti Chakraborty 2k19/EP/022)