EXPERIMENT -2

AIM: To add 5 numbers parallelly from 2 different locations and storing the result sequentially in memory.

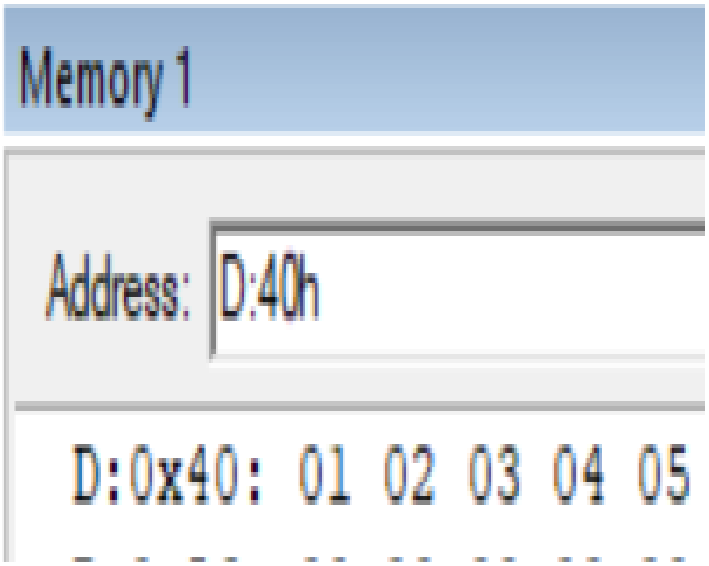
CODE:

addnos.asm

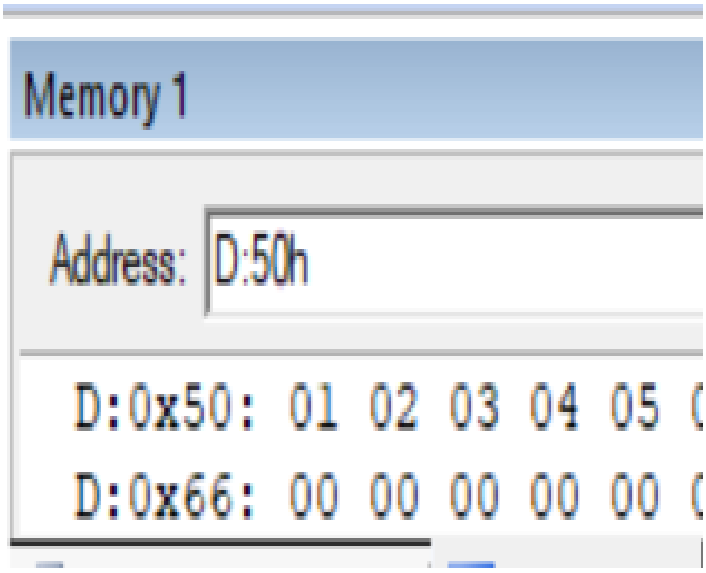
```
1  ORG 0000H
2  MOV R0, #40H
3  MOV R1, #50H
4  MOV R3, #05
5
6  LOOP: MOV A,@R0
7  MOV B,@R1
8  ADD A,B
9  MOV @R0,A
10 INC R0
11 INC R1
12 DJNZ R3, LOOP
13 END
```

INPUT:

Memory 1:



Memory 2:



OUTPUT: