Lab: 04

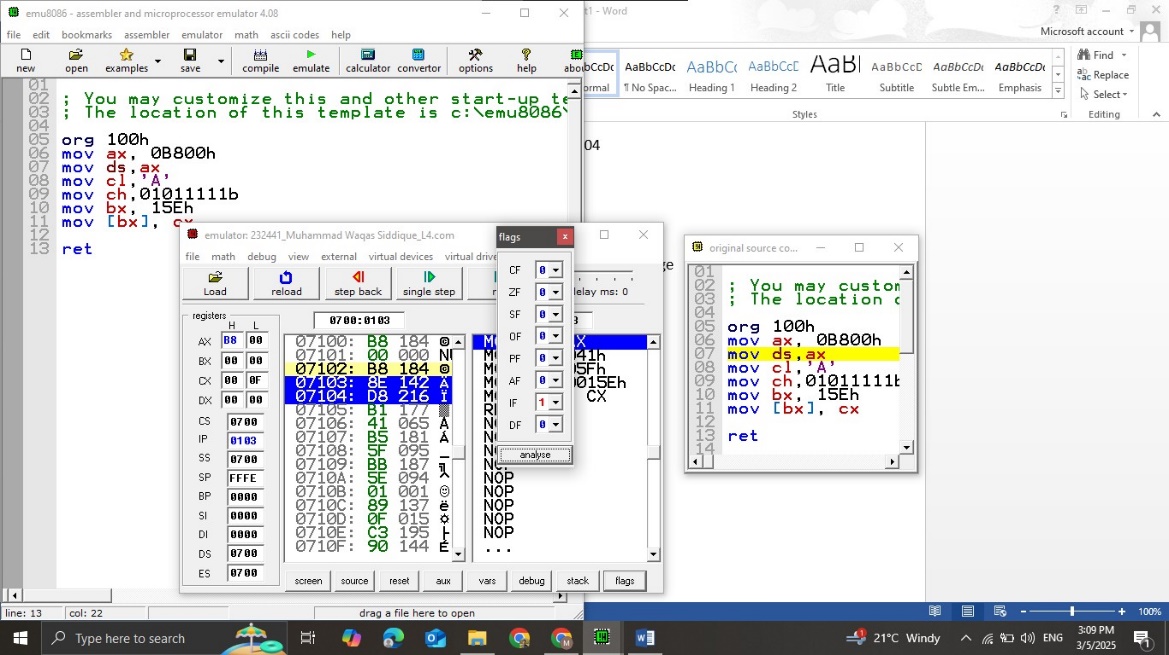
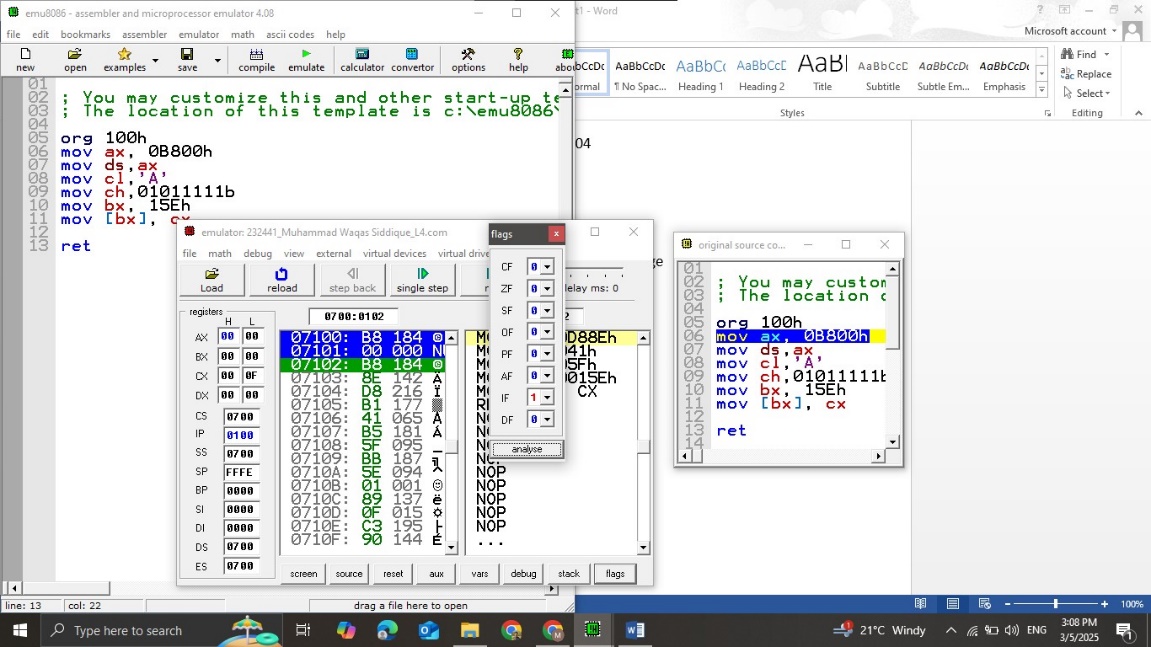
Name: Muhammad Waqas Siddique

Class: BSCS-ev-IV-B

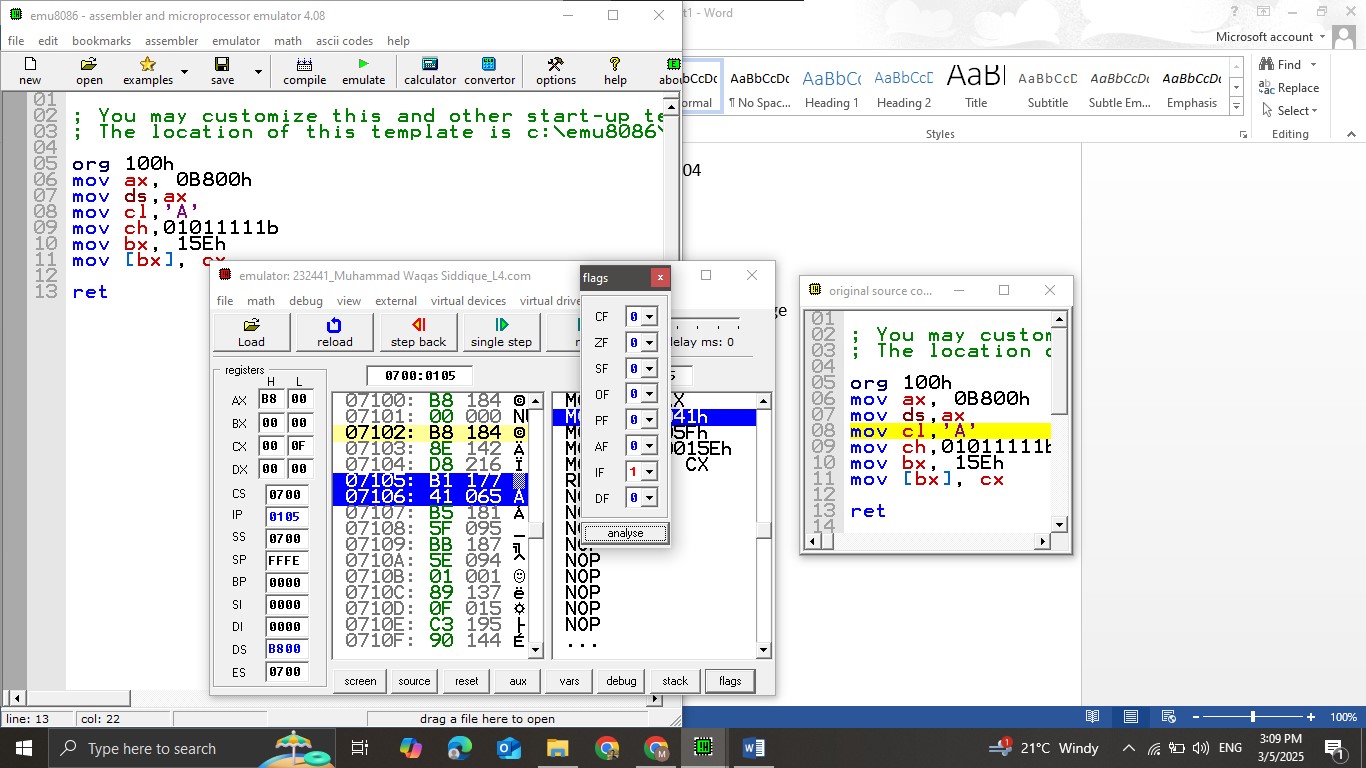
Roll No: 232441

Course: Computer Organization and Assembly Language

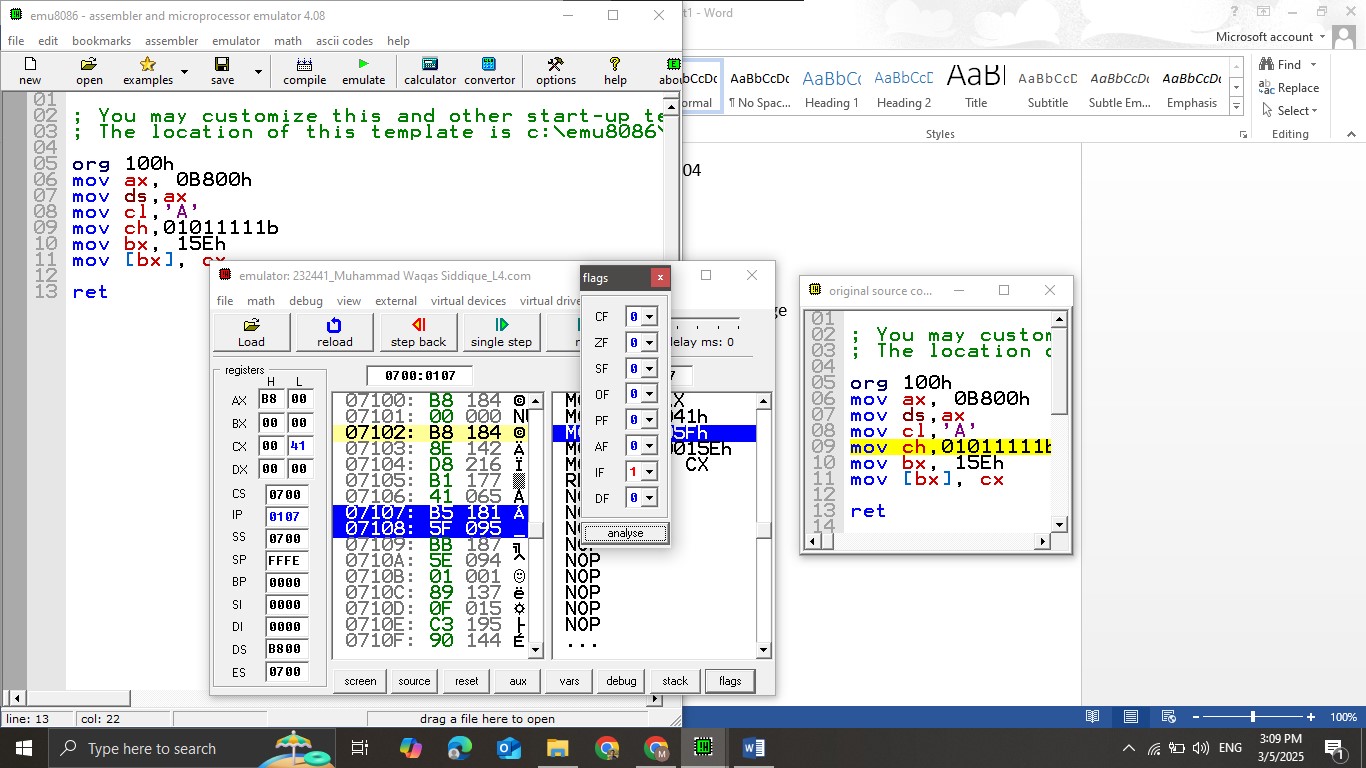
**Task: 01**

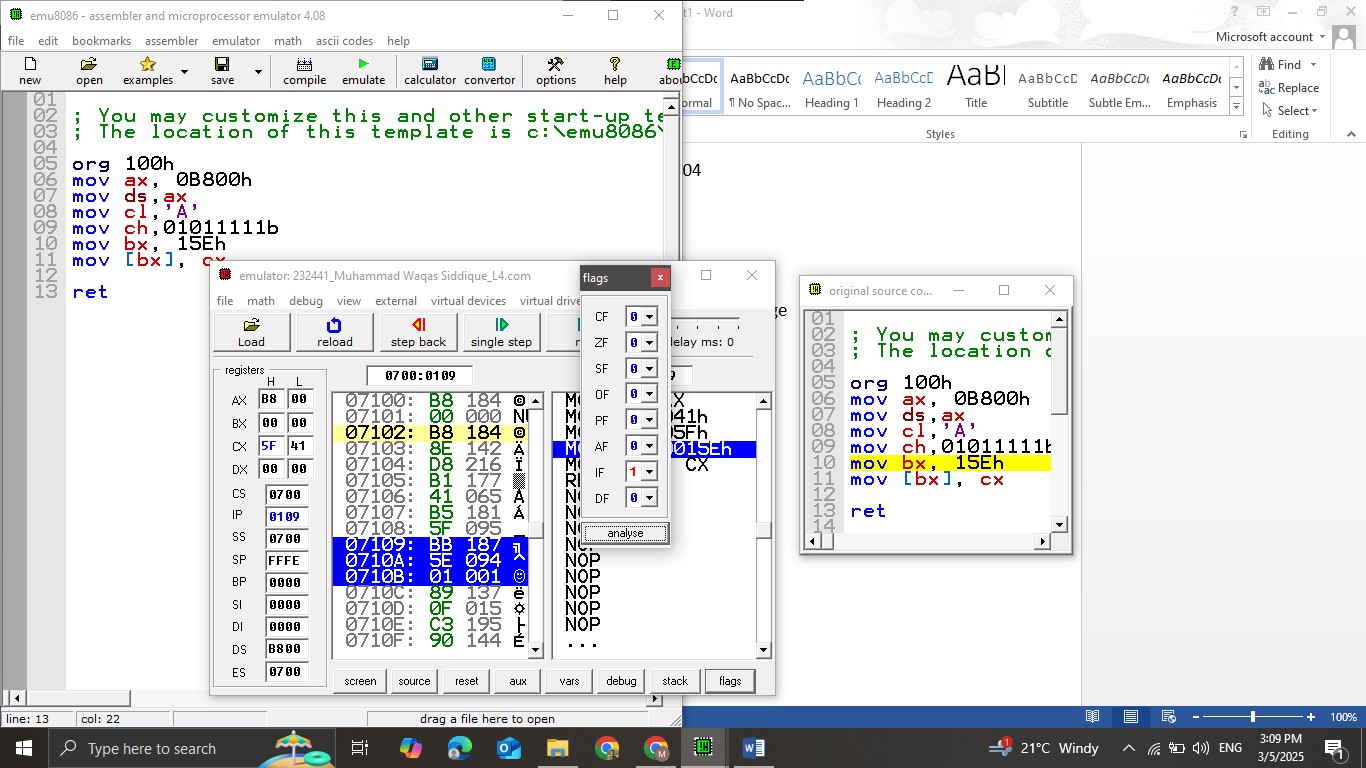


The second command that changes the AX register’s H value from 00 to B8 and the IP value is changed to 0103.

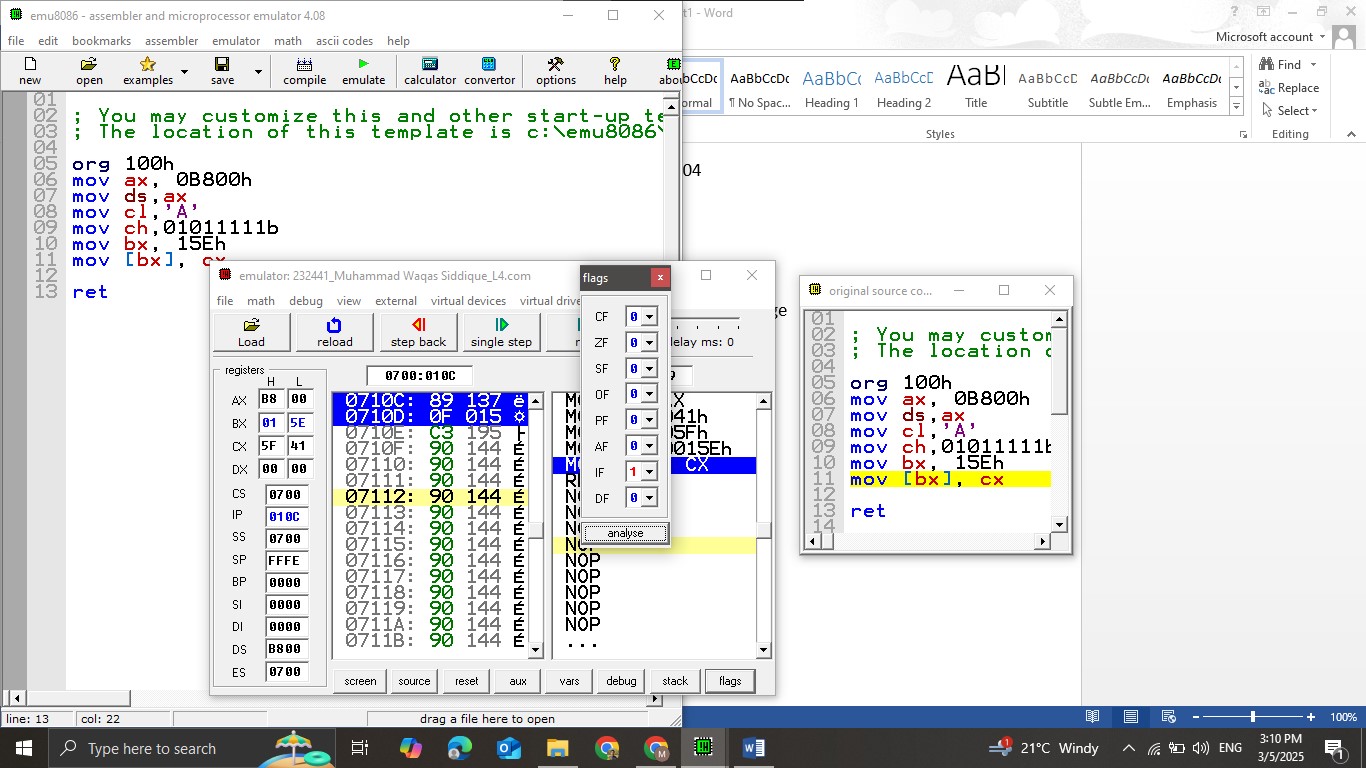


The IP register values changes to 0105 from 0103 and the DS register changes its value to B800.

  
The CX register’s L value changes from 00 to 41 and IP register changes to 0107.



The CX register’s H value changes to 5F and the IP register’s value changes to 0109.

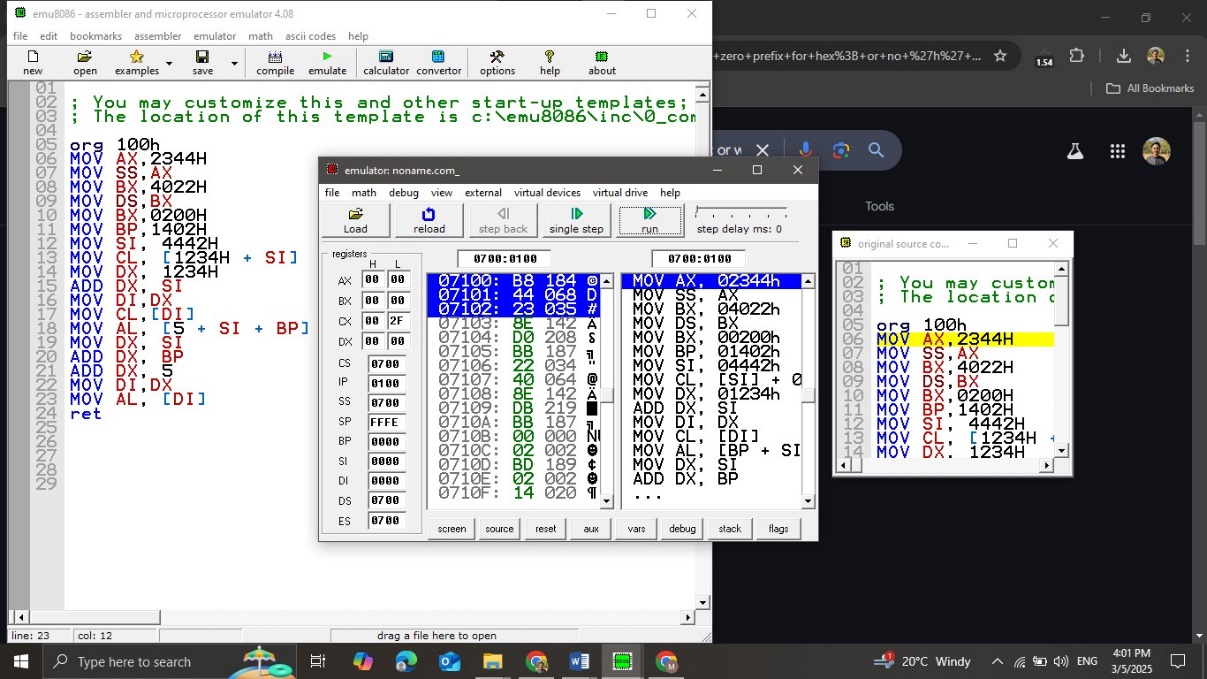


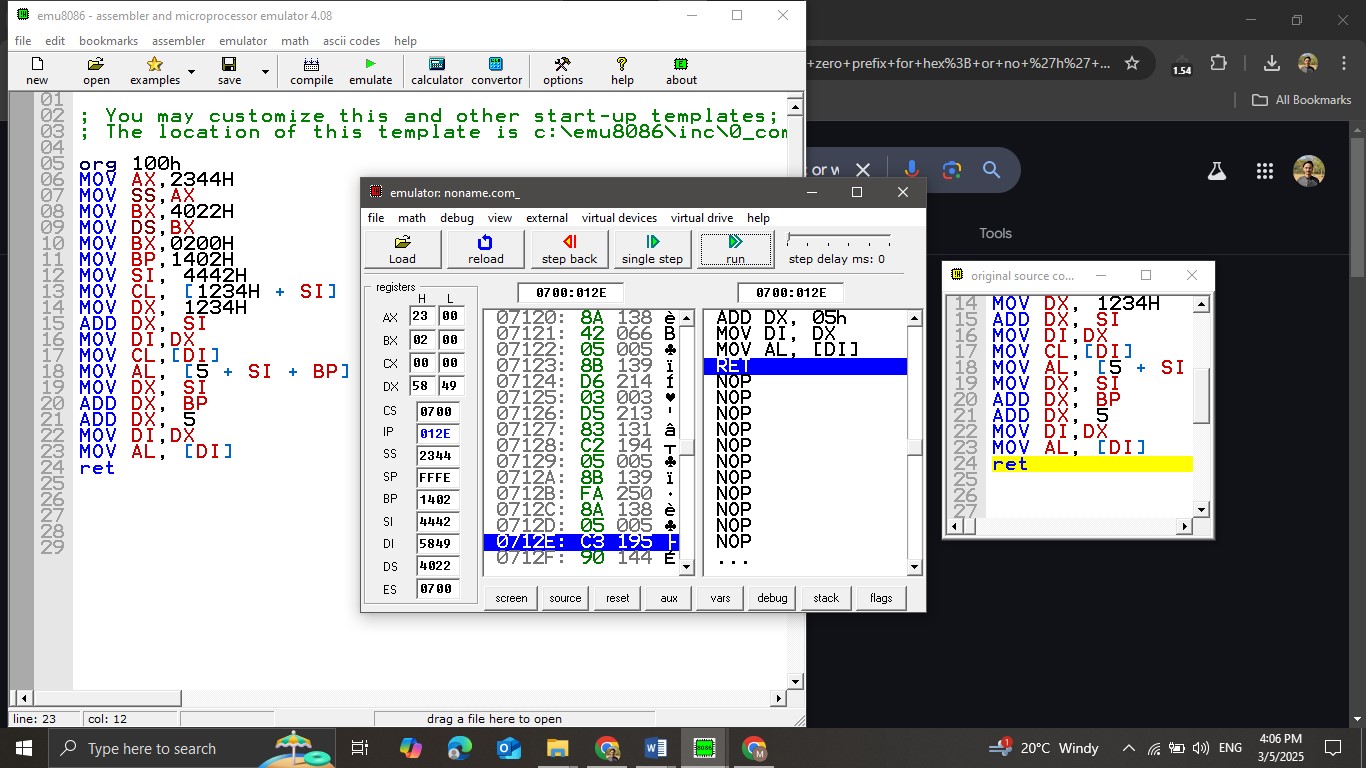
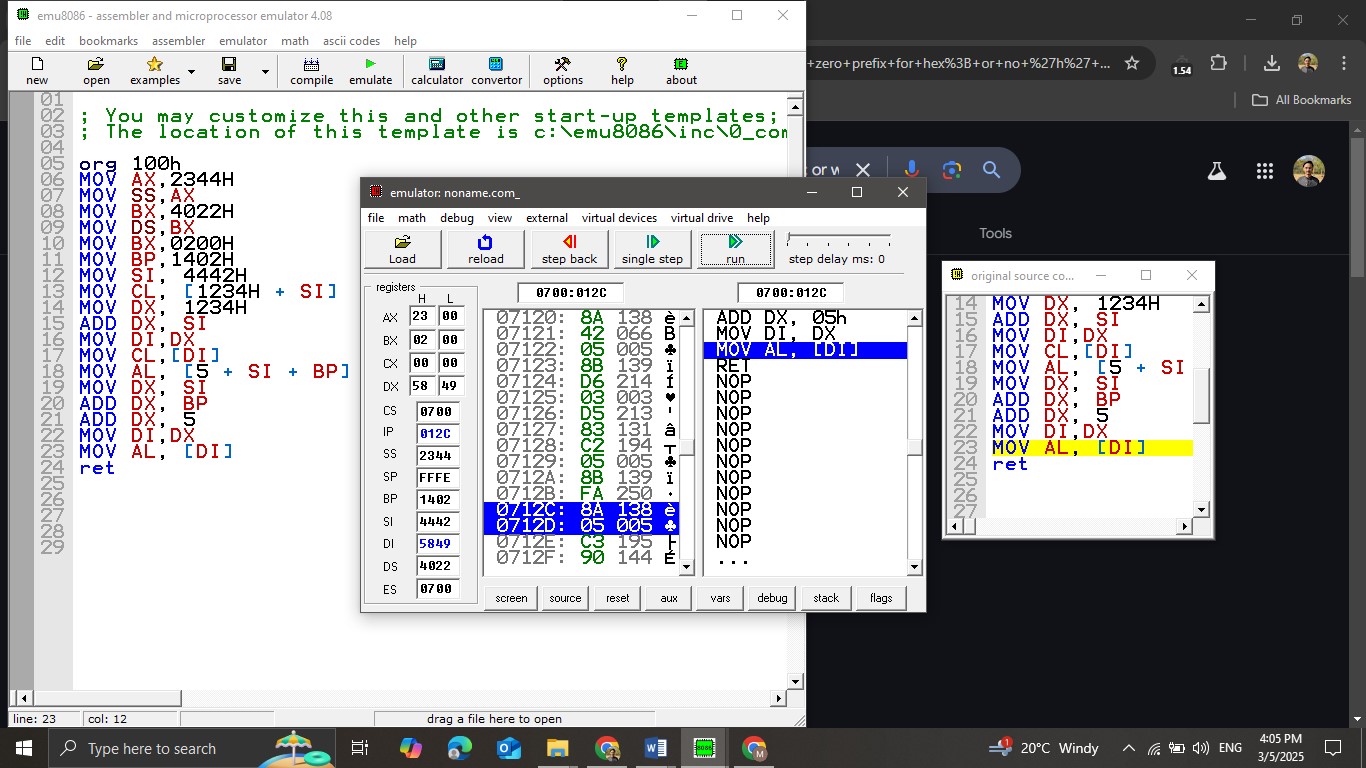
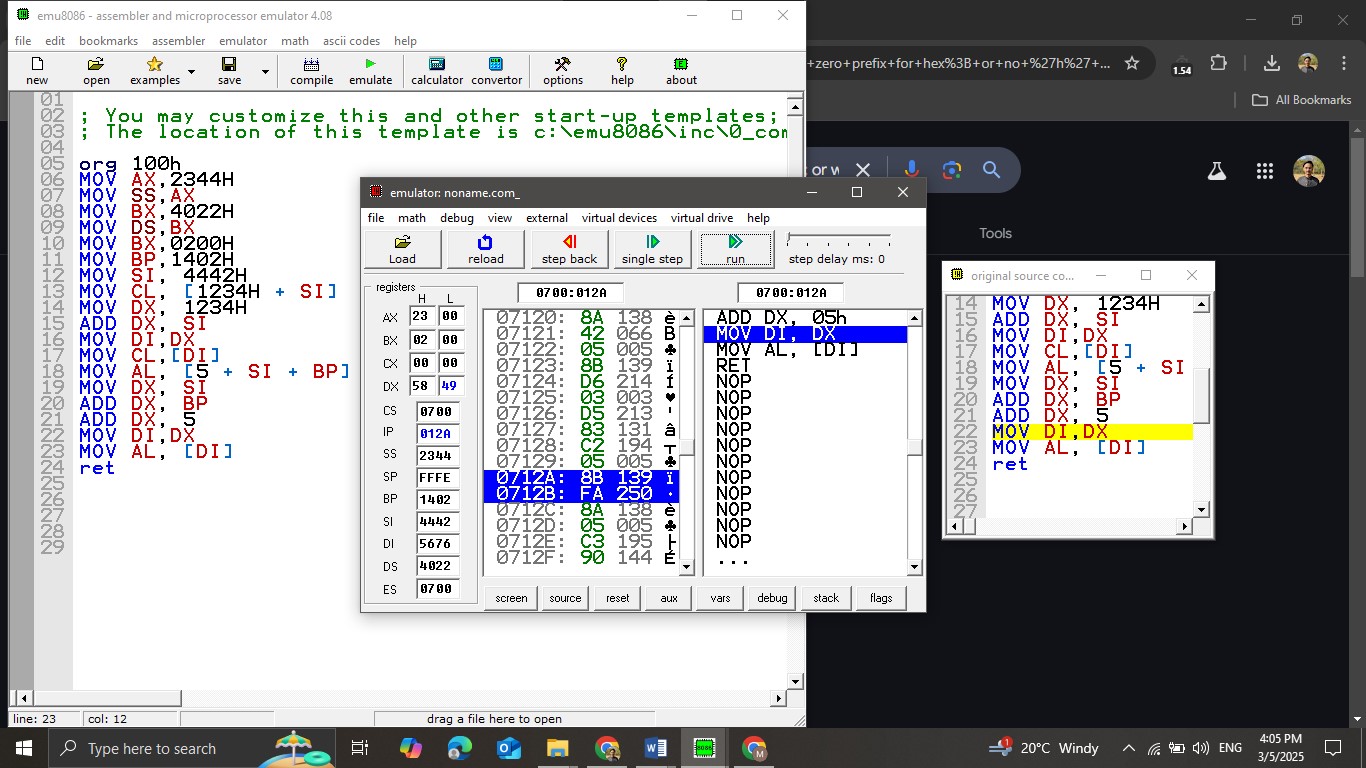
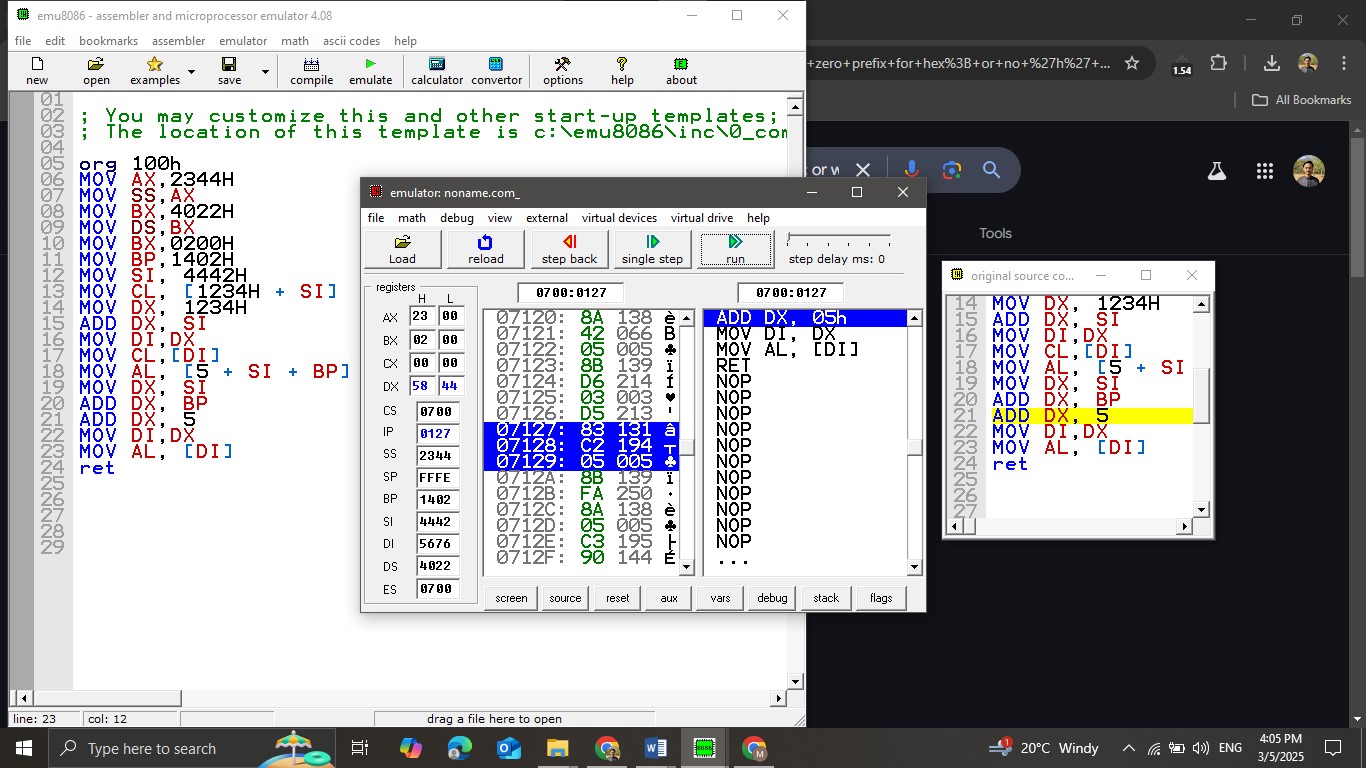
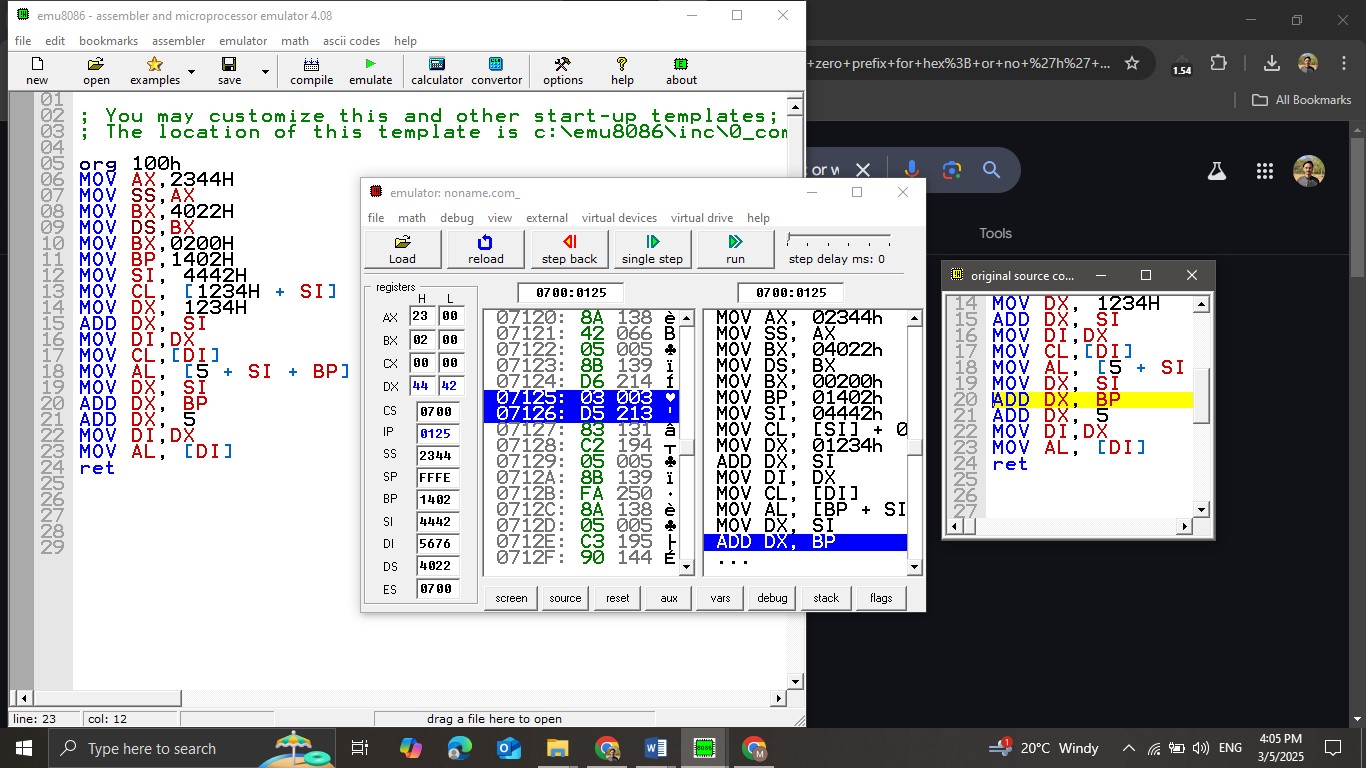
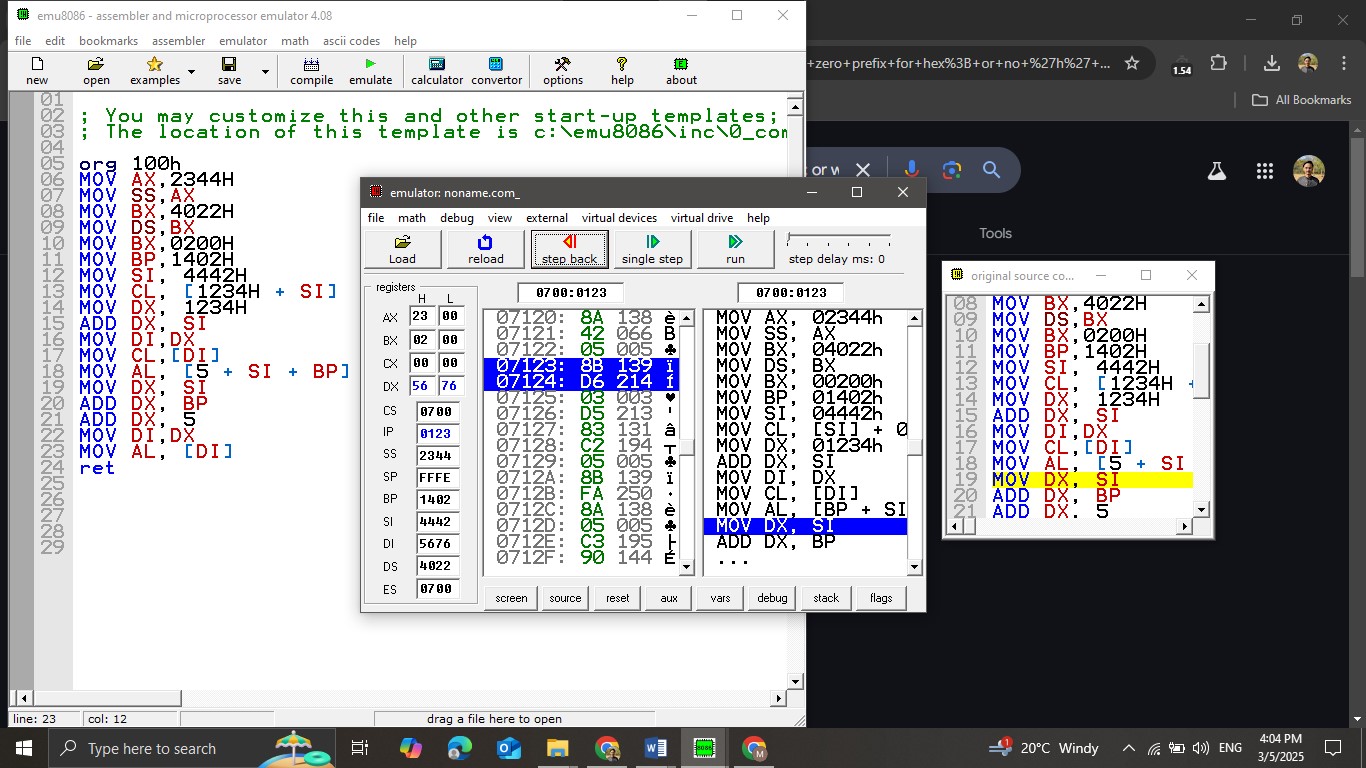
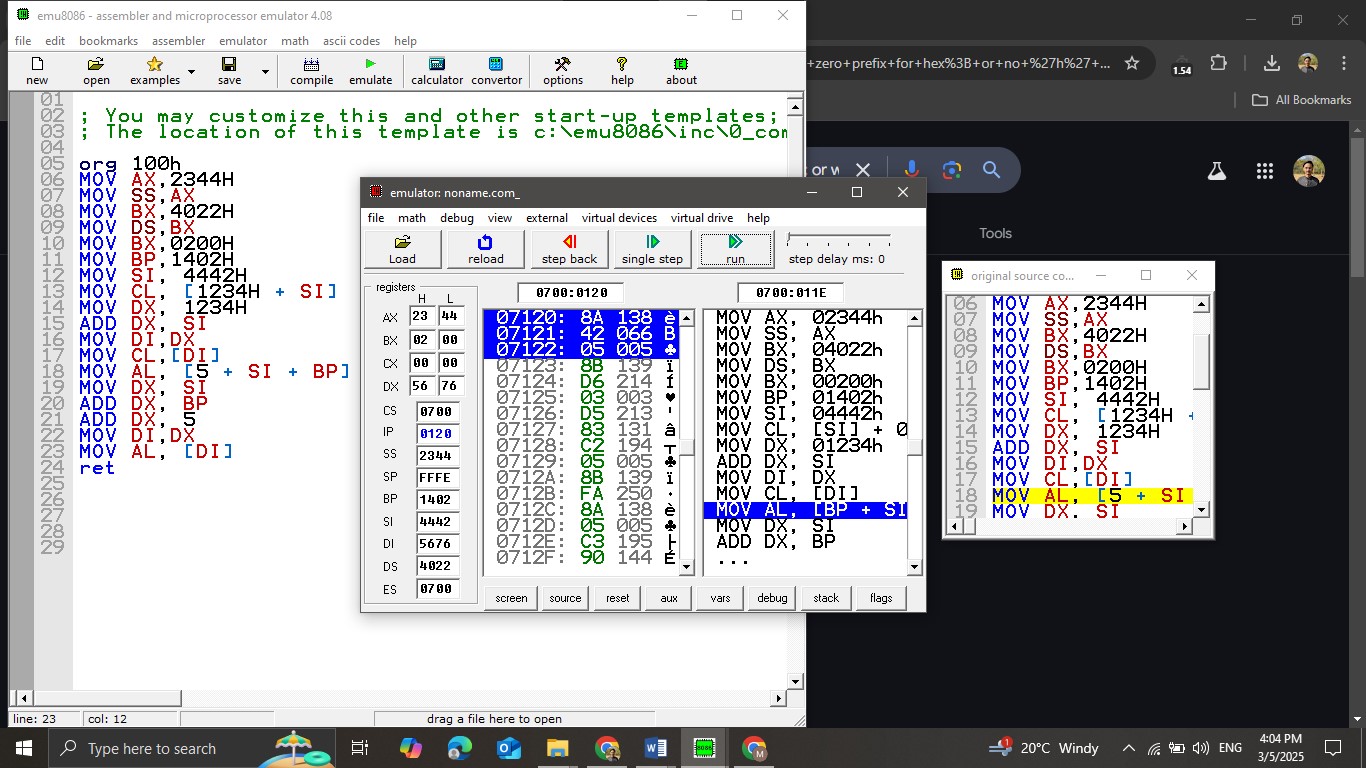
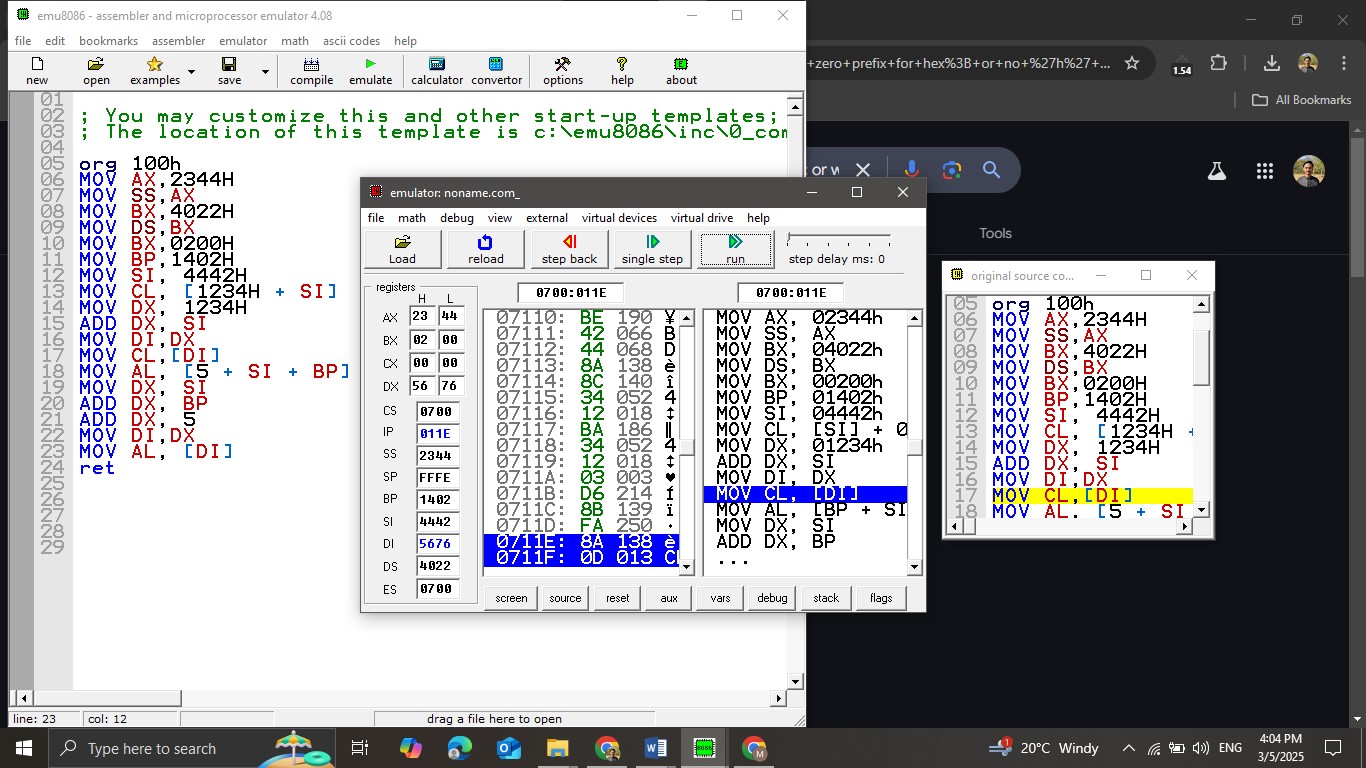
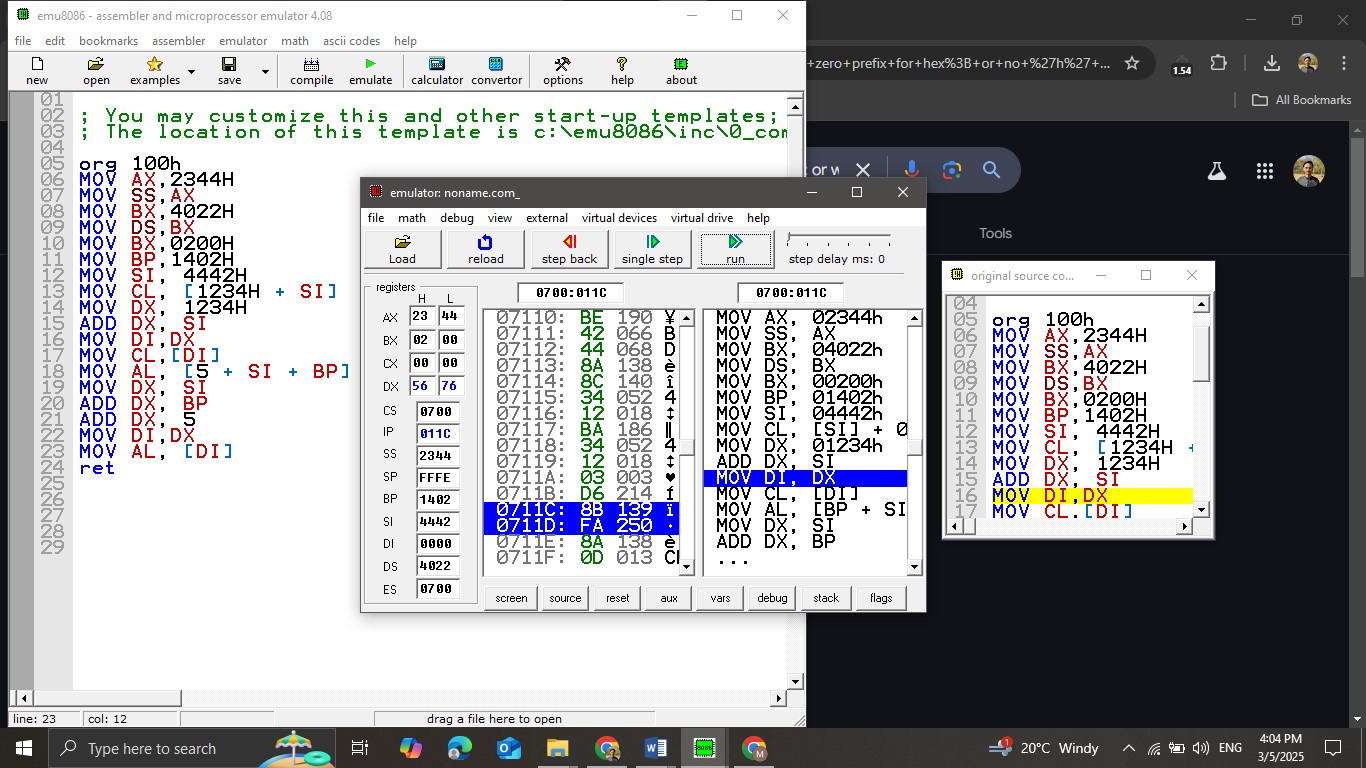
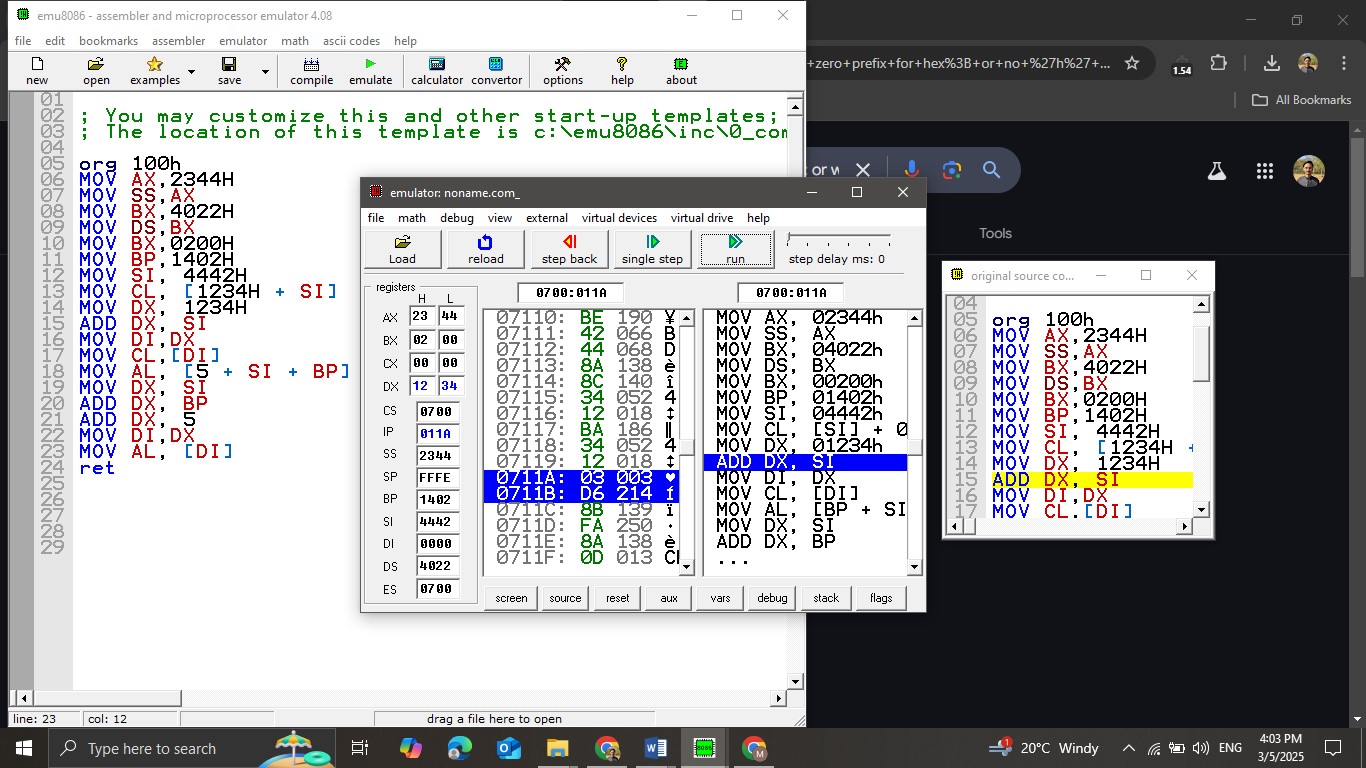
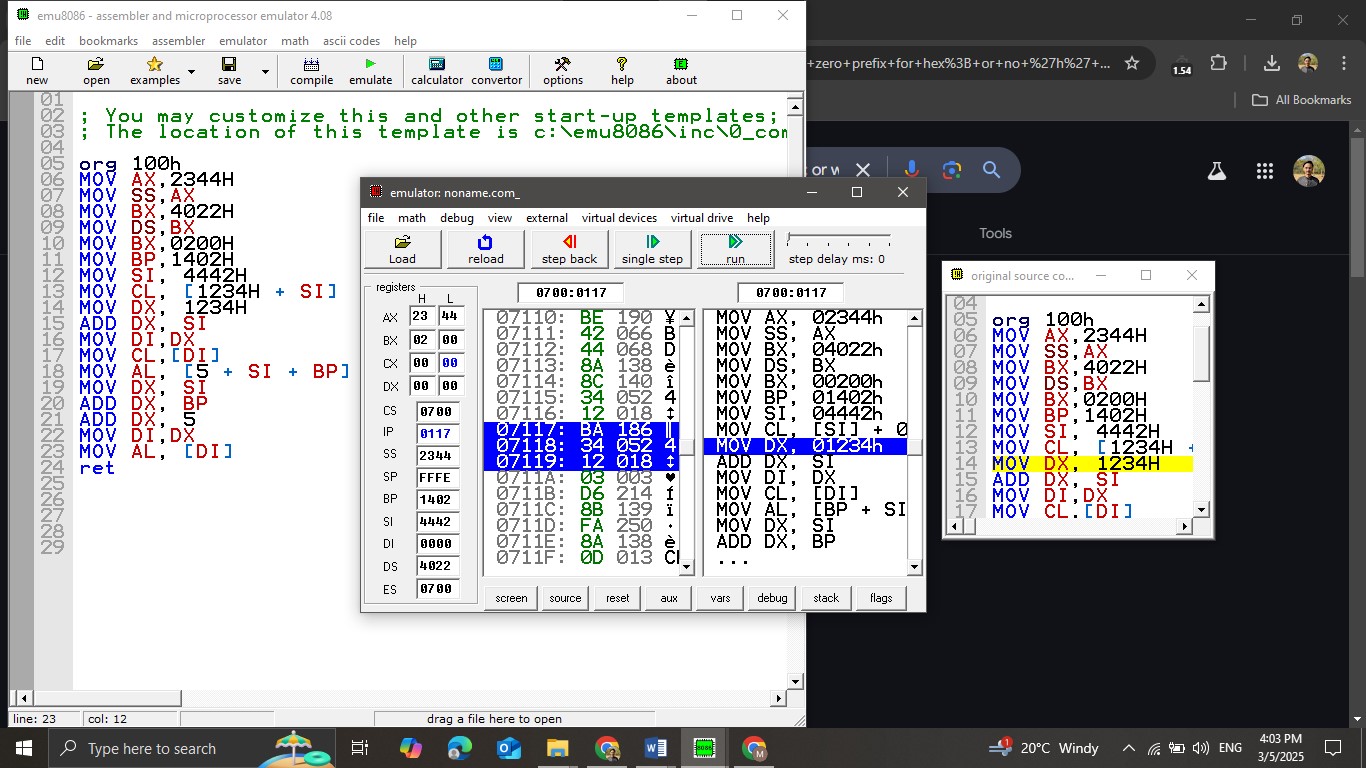
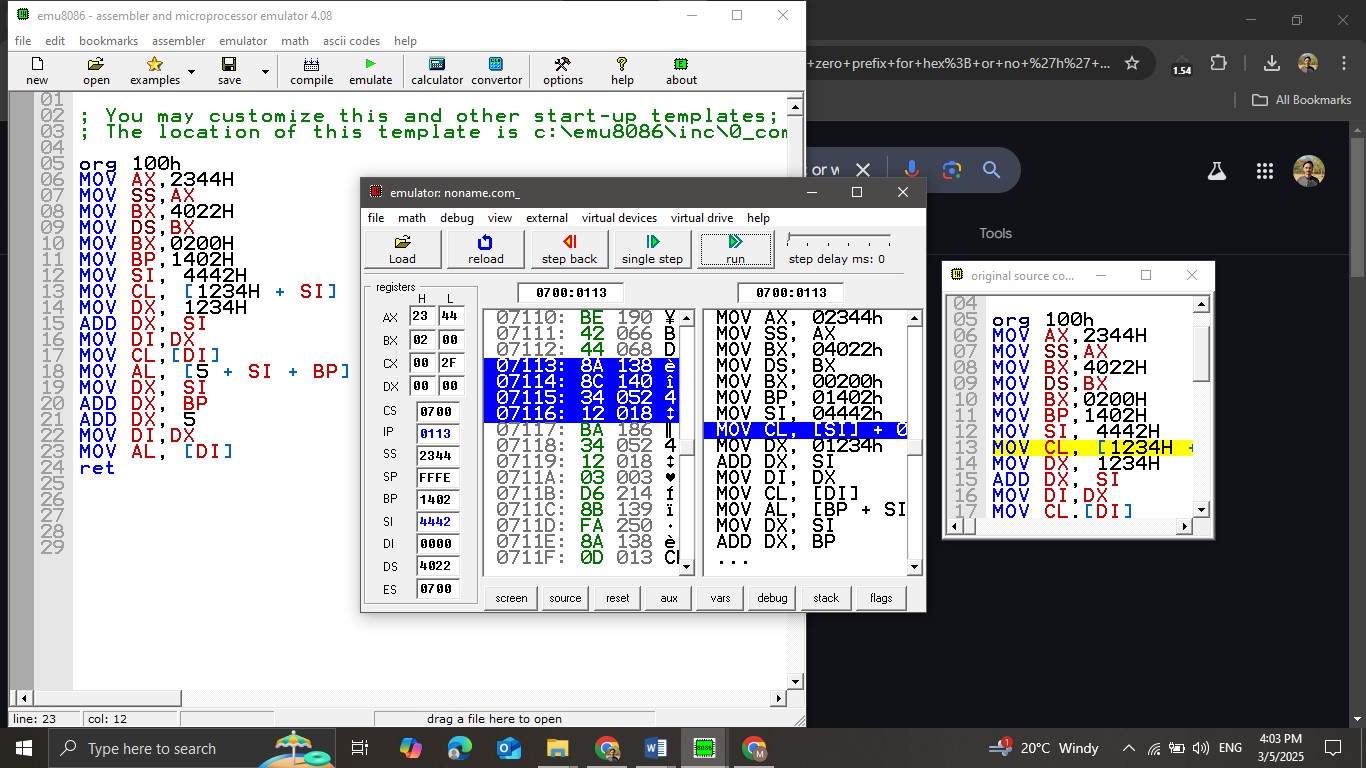
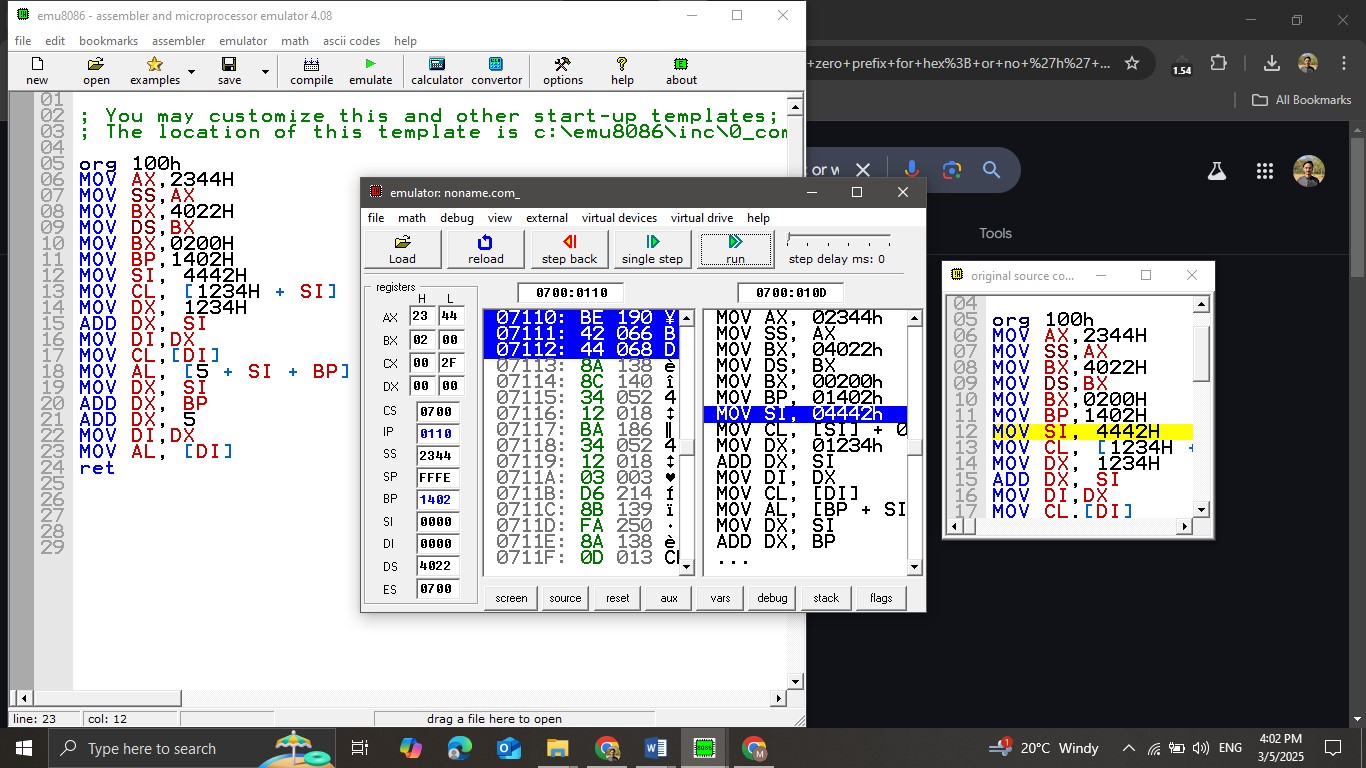
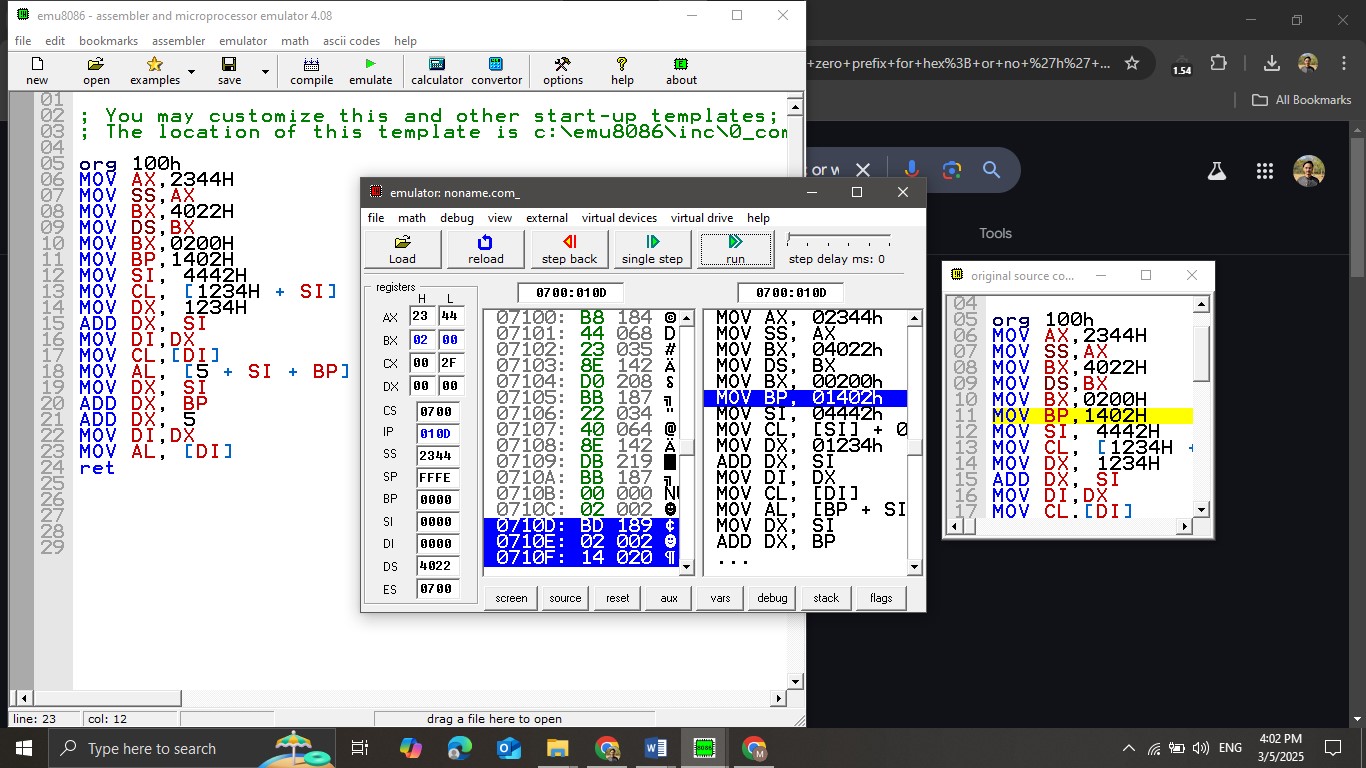
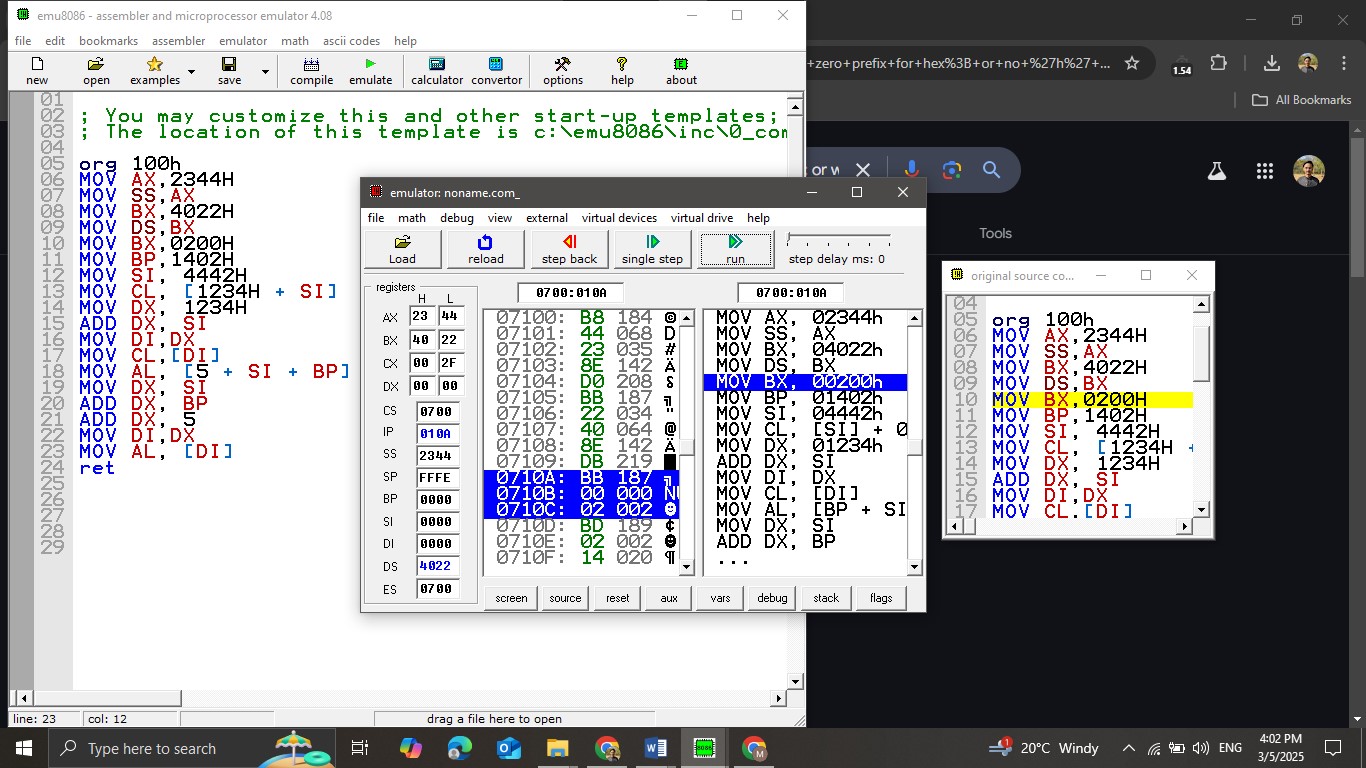
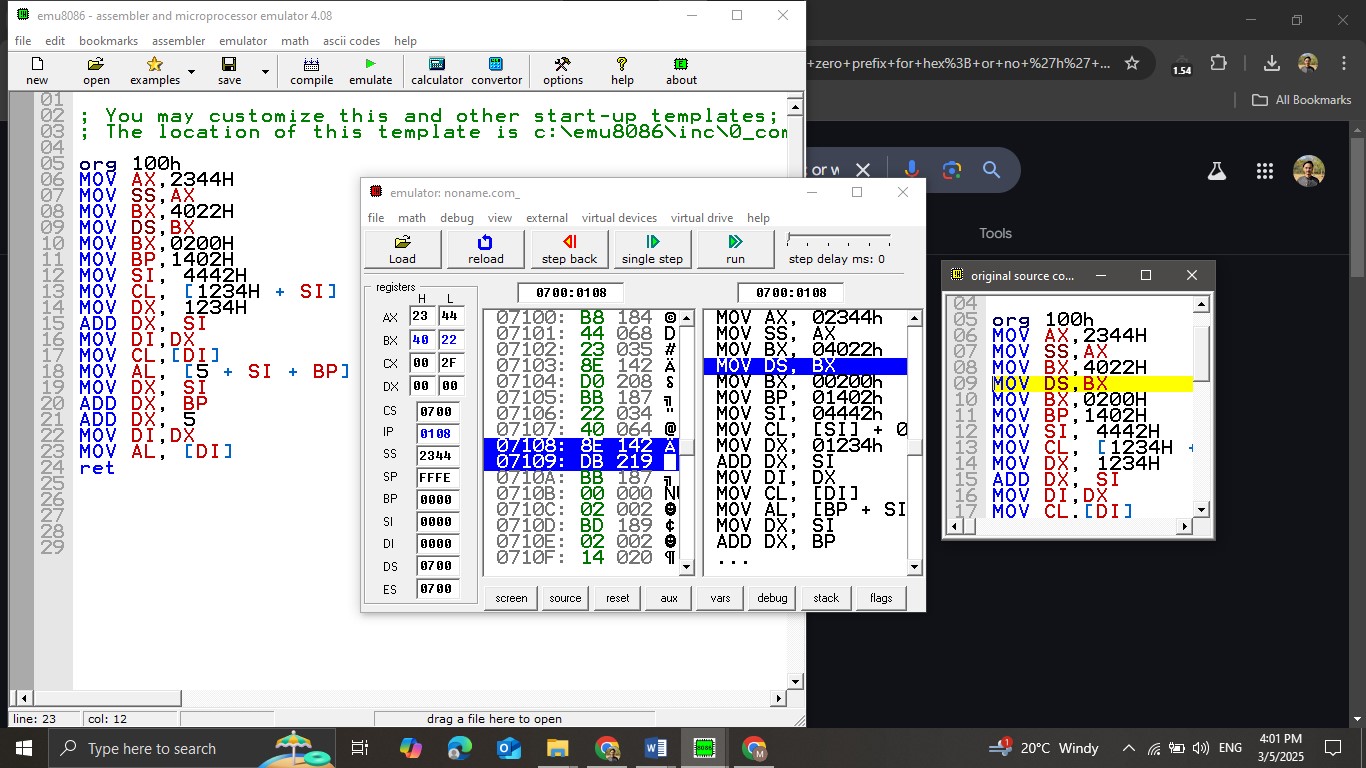
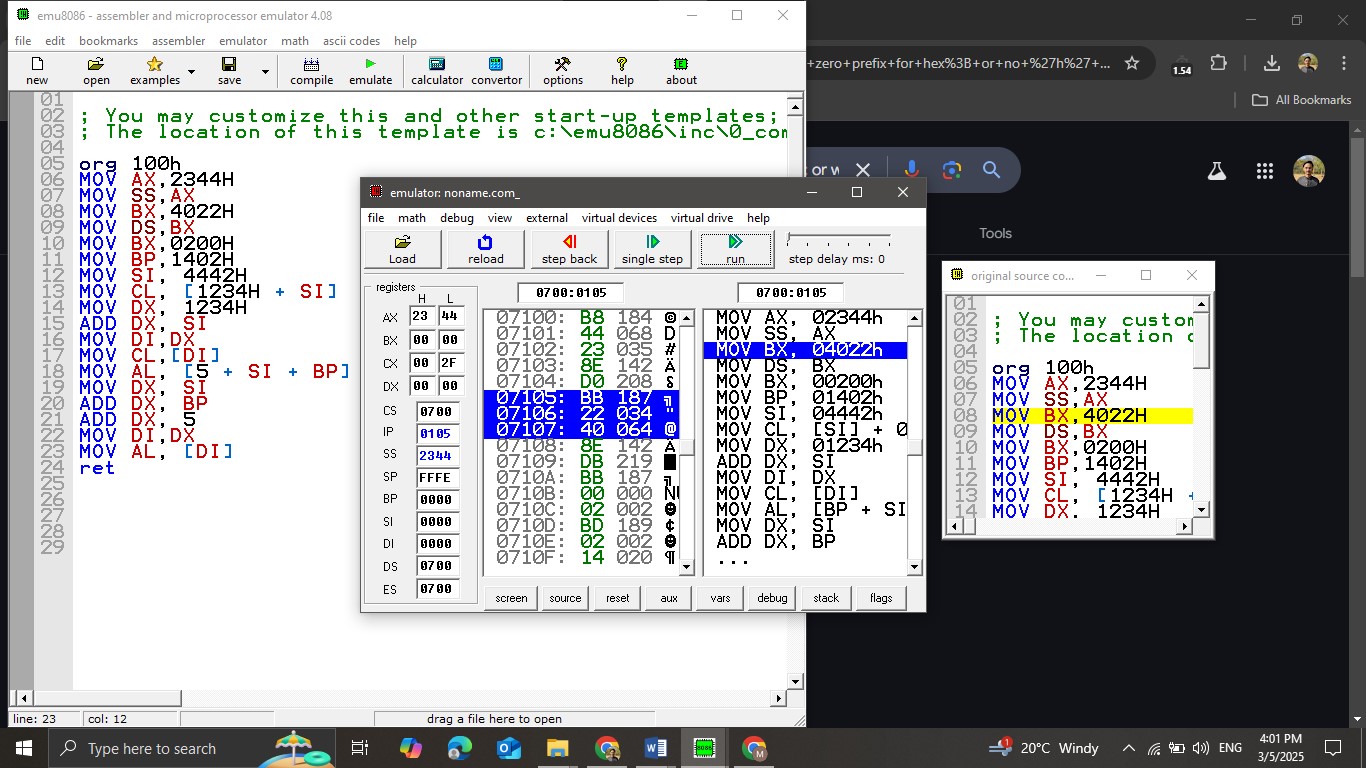
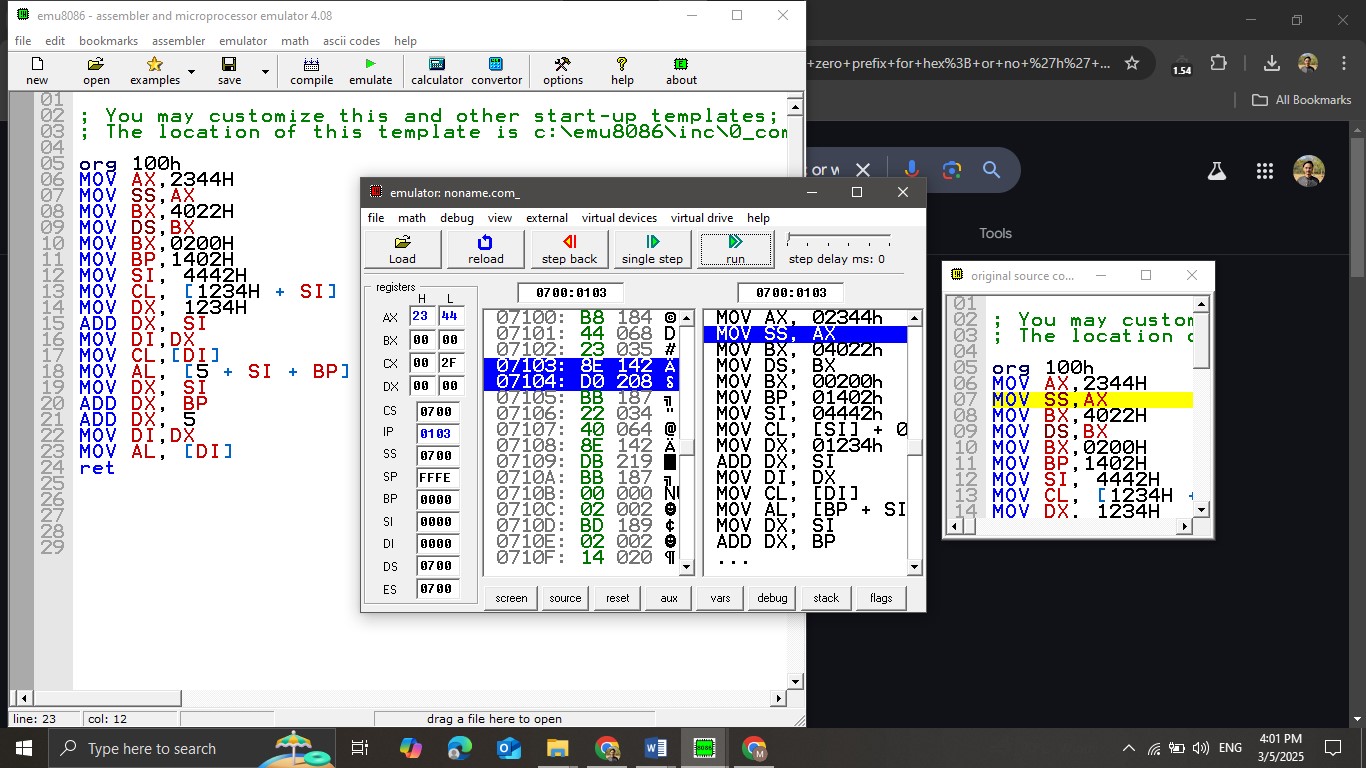
The BX register’s H value changes to 01 and the L value changes to 5E and the IP 010C.



Output A displayed because it was saved in video memory

**Task: 02**

**Fix error in the code **

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