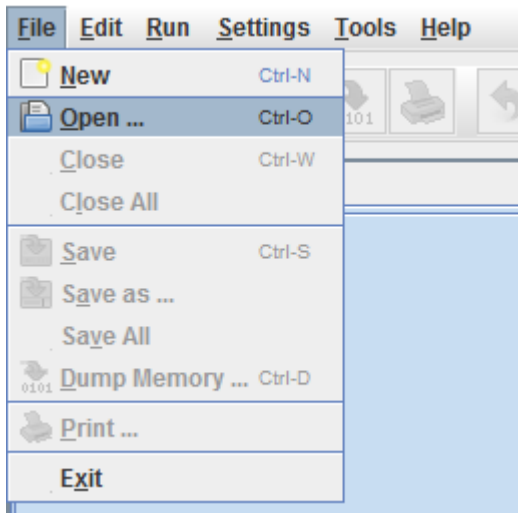



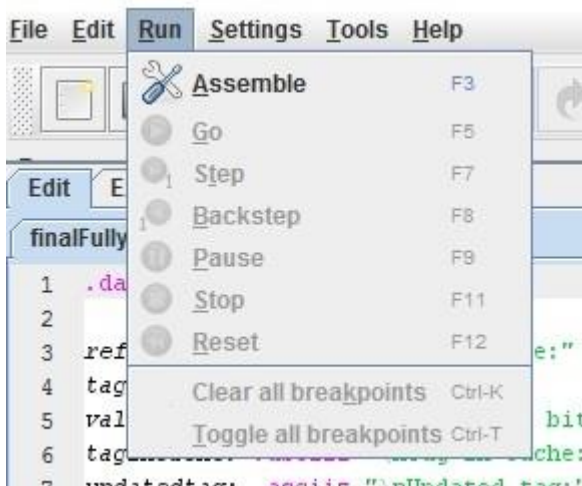
Instructions to compile and execute the program:

Please follow the below instructions to assemble and run the program.

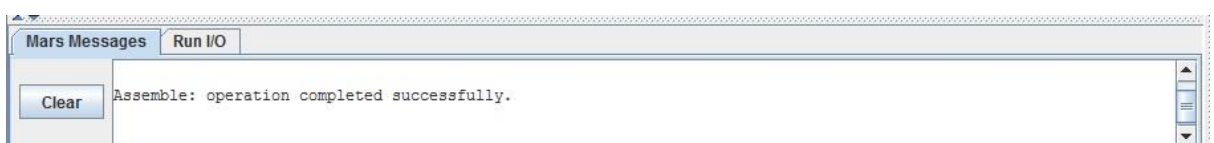
- By using the top menu open the required file (**File > Open**).



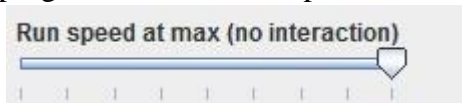


- When the required file is selected and opened, the MARS Edit pane will be loaded with the assembly program.
- Assemble the code by clicking **Run > Assemble** from the top menu or by directly clicking the  button on the menu bar.



- After successfully assembling the program a message will be printed to the Mars Messages Pane



- Click the  button to run the program. The program can be run by executing one instruction at a time by clicking  button.
- While running the program the transition speed between the instructions can be modified using the  bar.
- After successful execution of the program the output will be printed to the Run I/O pane with a message -- program is finished running--

Mars MessagesRun I/O

Enter 1 for LRU and 0 for FIFO: 1
Size of the array:4
Its a hit and LRU so the value stored at clock array is:8458
Its a hit and LRU so the value stored at clock array is:64162
Its a hit and LRU so the value stored at clock array is:89199
Its a hit and LRU so the value stored at clock array is:99769
Its a hit and LRU so the value stored at clock array is:346199
Its a hit and LRU so the value stored at clock array is:397835
Its a hit and LRU so the value stored at clock array is:450099
Its a hit and LRU so the value stored at clock array is:575317
Its a hit and LRU so the value stored at clock array is:676787

Hit Counter:9
Miss Counter:999991
-- program is finished running --

Clear