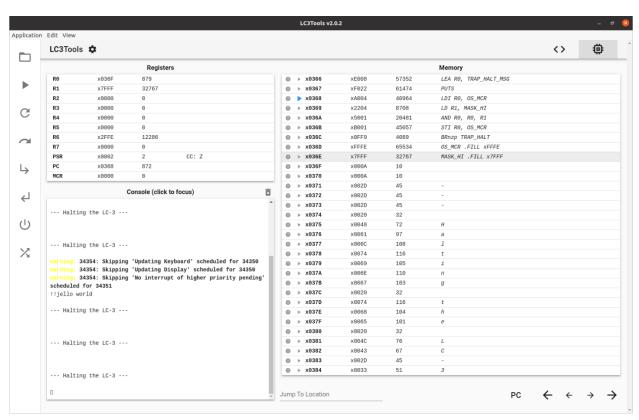
Lab 4

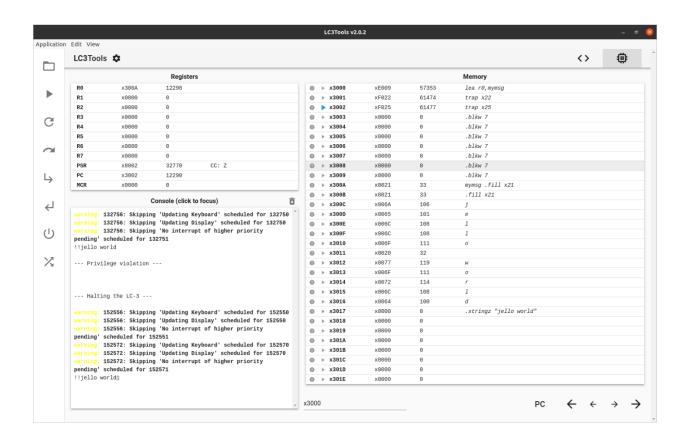
Name: Mike Mico

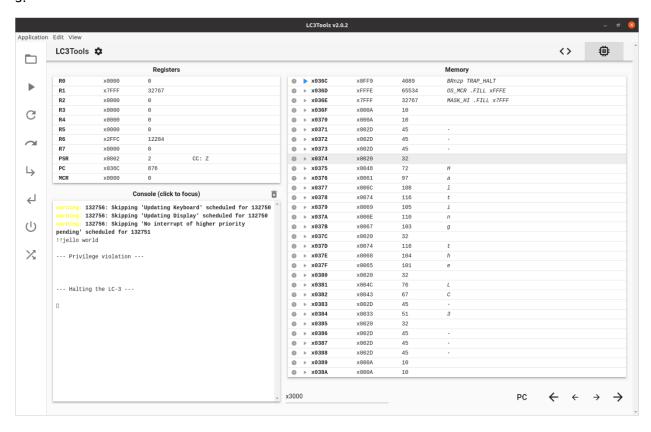
Student id: 3685120

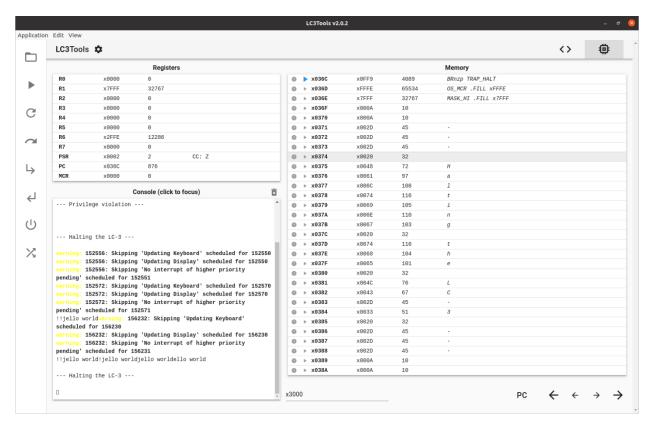
1.



2.







the program starts off printing from the first location with the "!". we then dereference the contents of r0 storing into r2.

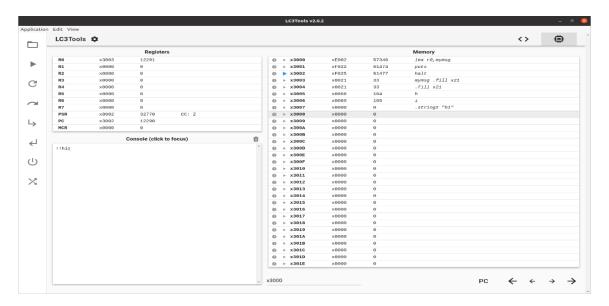
as long as the now contents of r2, are not divisible by 4 we keep incrementing r0 meaning every time we print we start from the next character

this program looped 4 times

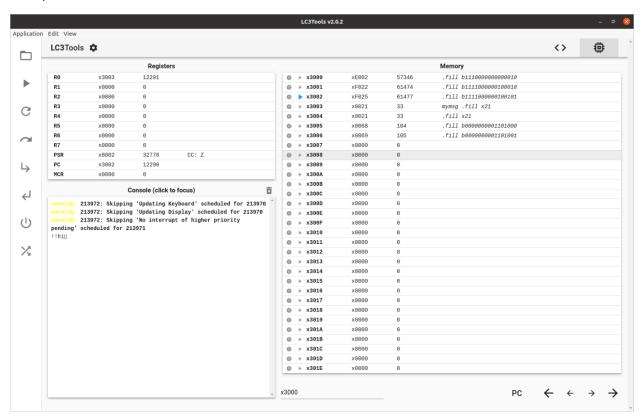
5.

- lc3 translates each string into a binary version.
- it was designed in a way such that as long as there is a valid binary value
- even though it is not an instruction, we can simply ignore it or save it for later use

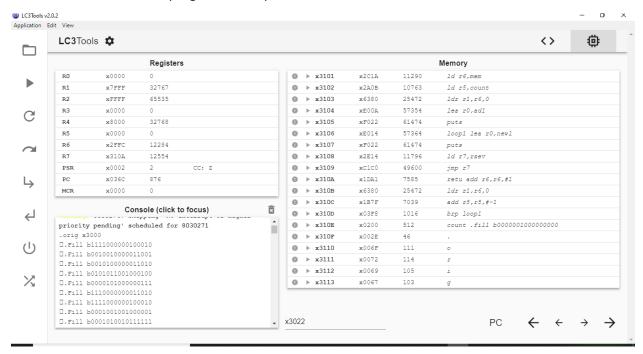
Scr1



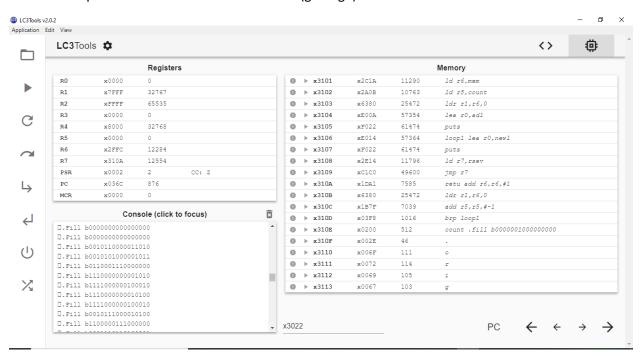
Binary version



8. scr1: shows contents of program 7 as expected



Scr2: middle part has some values that are not 0 (garbage)



Scr3

End of the 256 lines.

- For some reason my laptop has access violation at the end however I did not have that in the lab

