Laboratory Report 1a

Gustav Larsson (guslap-5) Carl Frisenstam (carfri-5)

What have you learned in the lab?

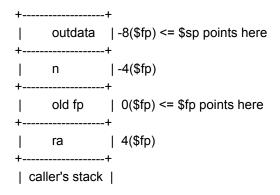
We learned how to write subroutines in Assembly, how Stack and Frame pointers work and how to implement those when creating a stack to suit our needs.

What was most difficult in the lab?

Fully understanding how the Stack and Frame pointers work.

• Did you use SyncSim while writing/debugging code? When/how?

Yes we used SyncSim when writing the code. We compiled the WIP-code(Work in progress) and tested it with SyncSim, to check if code did what it was supposed to do, or not. We also used it in the prep-stage of the lab in order to grasp how Framepointers work.



n= number of chars left to copy fp= Framepointer sp=Stackpointer ra=Retun Adress