

journal.txt

Friday 9/28

7:30 to 9:30

We worked out basic functionality. We decided on accumulator architecture and hashed out the very basics of the language. We wrote out pseudocode for the algorithm we'll implement and brainstorm commands that we'll need sooner or later. We planned to reconvene on Saturday afternoon.

Saturday 9/29

8:00 to 9:30

I wrote the assembly code for the outer function of the Euclidean algorithm and commented it heavily with the assumptions I made so we could review those assumptions during our meeting.

12:15 to 1:45

We went through my code discussed the issues I came across. We discussed conventions that I used and whether to keep them. We figured out what instructions were of what type. We did documentation. We decided that Matthew would write code snippets, Maura would continue documentation, and I would continue working on assembly. We planned to reconvene Sunday afternoon.

Sunday 9/30

4:00 to 5:00

We discussed problems Matthew encountered while writing snippets. We proposed another accumulator to make up for them. I left early because I'm not feeling well.

Monday 10/1

10:45 - 11:15

We came to office hours to discuss problems we've encountered. We spent most of the time discussing options for the accumulators.

7:00 to 7:45

We decided to go with a mix of our two solutions because it gives us a little novelty and a little familiarity at the same time: two accumulators and the ability to switch between them. We decided to keep sub because making the second accumulator negative before adding it would be annoying. We decided to use signed integers so it would be consistent with the (presumably signed) integers in the accumulators. We fleshed out commands and calling conventions and delegated tasks.

7:45 to 9:15

I wrote gcd(a, b) in assembly and updated relPrime to reflect our recent changes.