

Problem 1

Time spent: 2.5 hours

Collaborators: Zoe, Elmo, and I brainstormed together and figured out the basic idea. I also asked our prefect about the right way to phrase part of the proof.

The Algorithm

Put the details of the algorithm here. Here is a *new term* introduced in this very first paragraph to illustrate one of the macros listed above.

And to illustrate another couple macros from above, here are \mathbb{Z} and \mathbb{N} , created in math mode by `\Z` and `\N`.

Correctness of the Algorithm

Proof of the correctness of the algorithm goes here.

Analysis of Runtime

Analysis of the runtime of the algorithm goes here.

Problem 2

Time spent: 1 hour

Collaborators: None

The Algorithm

Put the details of the algorithm here.

Correctness of the Algorithm

Proof of the correctness of the algorithm goes here.

Analysis of Runtime

Analysis of the runtime of the algorithm goes here.

Problem 3

Time spent: X hours

Collaborators: ...

The Algorithm

Put the details of the algorithm here.

Correctness of the Algorithm

Proof of the correctness of the algorithm goes here.

Analysis of Runtime

Analysis of the runtime of the algorithm goes here.