Weekly Report 5

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Hours spent this week: 20 hrs

What have you done this week?
Based on first feedback, I added the missing documents, and created a 'simpler' but more repetitive program, 'Algorithm version 4'.

The logic in version 4 is the same as version 3, but the code is simpler to read and has a better space complexity. It on the surface has less repetition, however it performs worse on time trials, and overall has a worse time complexity. → See tests document

How has the project progressed?
Perfectly, now that I have proved that my version 3 algorithms is better performance-wise on most computers, I can move on to creating alternative types of algorithms, such as a very simple frequency matrix.

What did you learn this week / today?
I proved that my original method is more efficient than the one suggested by a peer.

What has been unclear or problematic?
Everything is clear.

What next?
Creating alternative algorithms to compete against, for curiosity's sake! Also preparations to present the project, and maybe work on a neater UI.