

**Friday 25.11.2022**

-The algorithm is working now. Though it is not too efficient at bigger tests. Tried to use hash sets but that did not work.

**Saturday 26.11.2022**

-spent a solid 4 hours trying to get the unittesting to work properly but they still dont go through. Looked into some ways to optimize. Since it takes forever to test things (testing one number against the whole training set takes 12 minutes) and testing (100 numbers with a training set of 1000 entries takes 30 minutes)