

I implemented the bonus by using 2 parallel arrays that contain the past values of the statues, and the date on which it was changed from that value. Each patient has their own 2 arrays with a set size of 20, in this case. Ideally, these would need to be dynamically sized, but for this implementation I didn't do that. When the data of a patient is output, these loops are just iterated through until all of the changes are printed out