

Mike McDonald

1.) Austin Glenn

2.)

3.) He was very smart, easy to work with, and yes I plan to work with him again

4.) Well a lot of the functions would have been easier to implement/ would have already been implemented.

We would never need to grow the array, we would just have to provide an index and a value to add instead of

having to move everything, we wouldn't of needed to implement an iterator. We wouldn't need to implement remove, clear, isEmpty, and removeAll.

5.) $O(n^2)$ because it takes $\log(n)$ to find, and at most $(n - 1)$ to remove, and you have to do it n times.

So you get $O(n(\log(n) + n - 1)) = O(n \log n + n * n - n) = O(n^2)$

7.) It would take $n \log n$

8.) ~ 10