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2013-11-07

Josephus Problem Write-Up

Major design and implementation issues:

We chose to create separate classes for our JosephusSolver, JList, and JNode as opposed to containing it all in one file. We felt this created a very clean look to the code, including a very short main method in Solver, which merely calls the private method solveWith().

One implementation mistake we initially made was attempting to change variables next and previous in JList and JosephusSolver that were private to JNode. We caught the error quickly but still had to spend some time fixing it. This was a result of our design choice to make separate classes for node, list, and solver. Lastly, we had a little trouble knowing which class to make iterable, but ended up making JList implement Iterable as that made the most sense.

Our tester currently does not display any bugs in our program.