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| Bug# | Description of Bug | Location of Bug | Steps to Recreate | Root Cause |
| 001 | Ties don’t break correctly when there are multiple people in a tie. Some people are given an unfair advantage. | IR.cpp | Call breakTie() when there are three or more Candidates in a tie. | BreakTie only works on two Candidates, instead of a vector of Candidates |
| 002 | Given a string with nothing but commas, IRBallotToIndex does not return expected value of 0. | Helpers.cpp | Call IRBallotToIndex() with a string of only commas. Ex. “,,,,,,,” | IRBallotToIndex depends on finding 1 then counting all the commas from the start of a string to the one to determine the index. |
| 003 | If all candidates have the same number of ballots, the same person wins every time instead of it being random. | OPL.cpp/IR.cpp |  |  |