Current state: No known bugs

No.	Description	Location of Bug	Step to Recreate Bug	Root Cause Analysis	solved
1	Print out the same result twice	Voting_System.java	Run voting system with any csv files in the testing	Duplicate function call in the main method and helper method	yes
2	IR redistribution array out of bounds	IR_sys.java	Run voting system with IR_worsecase_tie.csv	After removing candidates from the list, the corresponding index changes. But we forget to update corresponding ranks in the ballot	yes
3	Coin flip starts even when there is no tie	IR_sys.java, OPL_sys.java	Run voting system with IR_popularity.csv	When comparing the vote, it loops through the entire candidates list which means it will always find ties with himself.	yes
4	Assign seats to every party with remaining votes	OPL_sys.java	Run voting system with any OPL csv testing files	Forget to check the remaining seats when doing second round allocation.	yes