Description of Bug (be specific about what is not working)	Location of Bug (file, class, method, etc.)	Steps to Recreate Bug and/or Test Case ID	Root Cause Analysis Notes
The OPL voting system produces a Floating point Exception error when running a file that contains 0 votes.	OPLElection.cc	Run the voting-system program and use the file opl_testfile_zerovote.csv	The algorithm is always expecting that all files contain enough votes. There is no case to handle when a file conaing 0 votes.
The OPL voting system produces a segmentation fault error when it is trying to allocate seats to a party that contains less candidates than seats allocated.	OPLElection.cc	Run the voting-system program and use the file opl_more_seats_than_cand.csv	There is no case to test if the number of seats allocated to a party is less than or equal to the number of candidates in that party.
The IR voting system does not have a true coin toss for more than 2 candidates to resolve.	IRElection.cc	Statistically, it is known that the outcome for chained coin tosses if not the same as a 3-way tie, for example	A vector was used to solve this in OPLElection, but we weren't able to implement it in IRElection in time.

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