

Bug No.	Description of Bug	Location of Bug	Steps to Recreate Bug	Root Cause Analysis Notes
1	Unable to take names of candidates that contain commas in the string	oplDriver.cpp irvDriver.cpp	Running a file with candidates who have commas in their name	System is parsing by commas. Commas in names will break the parsing system and will run incorrectly.
2	Long names may break, (names longer than 20 characters will display incorrectly)	oplDriver.cpp irvDriver.cpp	Running a file with candidates who have more than 20 character names	The display is set to certain dimension restrictions
3	Memory leaks	oplDriver.cpp irvDriver.cpp all_test.cpp	Running an opl, irv, or running the google test file. Any instance of memory allocation.	Due to lack of destructors, unfixed due to lack of time and null pointer errors
4	Opl may have an incorrect display	oplDriver.cpp	Running an opl and checking the terminal output	Lack of time to add destructors and deletes
5	Running the google test gives some errors related to class coin, oplDriver and irvDriver but does not impact the ability to run the google tests	all_test.cpp test.mk	Running the google tests	May be coming from the way test.mk is compiling files with main.cpp