Project Name: Project 1: Voting System	**Team#4**
Test Stage: Unit __ System x_	**Test Date: 3/23/2022**
Test Case ID#: OPL_runElection_1	**Name(s) of Testers:** Charlie Nazarian, Haneesha Kella
Test Description: Testing runElection method in the OPL class	
Automated: yes x__ no ___	**Indicate where are you storing the tests (what file) and the name of the method/functions being used.** Tests are stored in OPL_test.cpp. The function being tested is runElection().
Results: Pass _____ Fail___x_____	
Preconditions for Test: Election.h, Candidate.h, Party.h, and OPL.h are included.	

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1	Create an OPL object	OPL test("sampleelection2.csv", 6, 3, 9, vectorTest)	–	Fails to compile	Let "sampleelection2.csv" be a legitimate file. In this file, there are 6 candidates in the election, which are contained in the Candidate vector vectorTest
2	Call runElection()	test.runElection()	Runs successfully	Fails to compile	
3	Check that the correct winners are stored in the winners queue	EXPECT_EQ(test.getWinners().front() .getName(), "Pike")	True	Unknown	
4	"	EXPECT_EQ(test.getWinners().back() .getName(), "Rosen")	True	Unknown	
	Check that the size of the winners queue is correct	EXPECT_EQ(test.getWinners().size(), 3)	True	Unknown	

Post condition(s) for Test:

The winning candidate(s) should be added to the winners queue. This condition was not met after running the test due to the failed compilation

Project Name: The project #, name of your system, and the team#

Test Stage: Indicate whether it is a unit test or a system test.

Test Date: The date the test was performed.

Test Case ID#: A unique ID is required. Decide on a naming convention and use numbering. Example: Ballot_Shuffle_1

Name(s) of Testers: List the names of anyone involved in running this test case.

Test Description: Describe briefly the test objective.

Automated: Indicate if the test is completely automated or being checked manually. (If you have methods running the tests and checking results, select "yes". If you are manually checking results, indicate manual by selecting the "no.")

Results: Indicate if the test passed or failed.

Step #: You will be listing the test steps in order. This number is the step number in the process.

Test Step Description: Details of the test step.

Test Data: What the test data will be for this step. Be clear on what the input data will be. If using a specific file, be clear on the name.

Expected Result: What result are you expecting from the program component or system.

Actual Result: What result were returned based on the test.

Post condition for Test: What will be true after the test has been run? Has the state of the system changed in any way?

Notes: Comments and notes for you and your team members.