Test 1: PBI 9, OPL Election Bug Checking
Team Member Responsible: Samuel Wong
Inputs: OPLTest4.csv, this makes two parties tie
Tests: Test for inputs where the input file makes two parties tie, but there isn't enough seats to be distributed for both of them
Outputs: After multiple runs with the same test file, the output should show that around half the time party D wins 2 seats and R 1 and half the time party R wins 2 seats and D 1
Passed
4/25/2021

Test 2: PBI 9, OPL Election Bug Checking
Team Member Responsible: Samuel Wong
Inputs: OPLTest3.csv
Tests: Test for inputs where the input file makes a party win more seats than candidates they have to fill them
Outputs: Audit file showing party D won 2 seats and party R won 2 seats
Passed
4/25/2021

Test 3: PBI 8, Loading in PO Ballots
Team Member Responsible: Sree Pemma
Inputs: New candidate object with name "Test"
Tests: Tests the PO_Ballot constructor by passing in the candidate object that was created and an ID number of 1.
Outputs: No output, just assertTrue statements
Passed

4/27/2021

Test 4: PBI 8, Loading in PO Ballots
Team Member Responsible: Sree Pemma
Inputs: Two new candidate objects with names "Test" and "Test2"
Tests: Tests the PO_Ballot get and set candidate methods by passing in a new candidate object and calling on getter method to test it. Also calls on the setter method with the second candidate method to test it.
Outputs: No output, just assertEquals statements
Passed
4/27/2021

Test 5: PBI 8, Loading in PO Ballots
Team Member Responsible: Sree Pemma
Inputs: POTest1.csv
Tests: Tests the PO_Election constructor method
Outputs: No output, just assertTrue statements when successful in reading the input file. Failure in reading the input file throws IO Exception.
Passed
4/27/2021

Test 6: PBI 8, Loading in PO Ballots
Team Member Responsible: Sree Pemma
Inputs: POTest1.csv
Tests: Tests the run Election function which doesn't actually run the election but handles calling the processBallots() function which in turn calls the readCandidates() function. These two functions populate the Candidate and Parties array lists and the Ballot array list.

Outputs: No output, just assertEquals statements when successful in reading the input file. Failure in reading the input file throws IO Exception.
Passed
4/27/2021

Test 7: PBI 4, Invalidation of IR ballots
Team Member Responsible: Andy Chen
Inputs: IRTestInv1.csv
Tests: Tests for running an IR Election where there are ballots where less than half the candidates are ranked.
Outputs: No output, just assertEquals statements when successful in running the election with the proper expected output.
Passed
4/28/2021