

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDET_1a

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the CPL string is retrieved from the FileData type when getElectionType() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the string "CPL" as the election type	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
3	Assert that "CPL" is returned when cplInput01.getElectionType() is called	"CPL", cplInput01.getElectionType()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct election type that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDET_1b

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the CPL string is retrieved from the FileData type when getElectionType() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the string "CPL" as the election type	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object Created successfully	
3	Assert that "CPL" is returned when cplInput02.getElectionType() is called	"CPL", cplInput02.getElectionType()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct election type that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDET_1c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the CPL string is retrieved from the FileData type when getElectionType() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the string "CPL" as the election type	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object Created successfully	
3	Assert that "CPL" is returned when cplInput03.getElectionType() is called	"CPL", cplInput03.getElectionType()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct election type that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDET_1d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the OPL string is retrieved from the FileData type when getElectionType() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the string "OPL" as the election type	FileData oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object Created successfully	
3	Assert that "OPL" is returned when oplInput04.getElectionType() is called	"OPL", oplInput04.getElectionType()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct election type that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDET_1e

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the OPL string is retrieved from the FileData type when getElectionType() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the string "OPL" as the election type	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object Created successfully	
3	Assert that "OPL" is returned when oplInput05.getElectionType() is called	"OPL", oplInput05.getElectionType()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct election type that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDET_1f

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the OPL string is retrieved from the FileData type when getElectionType() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the string "OPL" as the election type	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object Created successfully	
3	Assert that "OPL" is returned when oplInput06.getElectionType() is called	"OPL", oplInput06.getElectionType()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct election type that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit x System

Test Date: 3/22/2024

Test Case ID#: FDNS_2a

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the integer 3 is retrieved from the FileData type when getNumberSeat() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes x no

Results: Pass x Fail

Preconditions for Test:

A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has 3 as the number of seats	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object Created successfully	
3	Assert that 3 is returned when cplInput01.getNumberSeats is called	3 , cplInput01.getNumberSeats()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of seats that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDNS_2b

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the integer 0 is retrieved from the FileData type when getNumberSeat() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has 0 as the number of seats	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object Created successfully	
3	Assert that 0 is returned when cplInput02.getNumberSeats is called	0 , cplInput02.getNumberSeats()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of seats that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDNS_2c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the integer 10 is retrieved from the FileData type when getNumberSeat() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has 10 as the number of seats	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object Created successfully	
3	Assert that 10 is returned when cplInput03.getNumberSeats is called	10 , cplInput03.getNumberSeats()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of seats that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDNS_2d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the integer 2 is retrieved from the FileData type when getNumberSeat() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has 2 as the number of seats	FileData oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object Created successfully	
3	Assert that 2 is returned when oplInput04.getNumberSeats is called	2 , oplInput04.getNumberSeats()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of seats that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDNS_2c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the integer 0 is retrieved from the FileData type when getNumberSeat() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has 0 as the number of seats	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object Created successfully	
3	Assert that 0 is returned when oplInput05.getNumberSeats is called	0 , oplInput05.getNumberSeats()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of seats that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDNS_2c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the integer 0 is retrieved from the FileData type when getNumberSeat() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has 0 as the number of seats	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object Created successfully	
3	Assert that 0 is returned when oplInput05.getNumberSeats is called	0 , oplInput05.getNumberSeats()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of seats that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDNS_2f

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the integer 10 is retrieved from the FileData type when getNumberSeat() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has 10 as the number of seats	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object Created successfully	
3	Assert that 0 is returned when oplInput06.getNumberSeats is called	0 , oplInput06.getNumberSeats()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of seats that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNB_3a

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 10000 is retrieved from the FileData type when getNumberBallots() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 10000 as the number of Ballots	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
3	Assert that 10000 is returned when cplInput01.getNumberBallots() is called	10000 , cplInput01.getNumberBallots()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of ballots that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNB_3b

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 1000 is retrieved from the FileData type when getNumberBallots() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 1000 as the number of Ballots	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object was created successfully	
3	Assert that 1000 is returned when cplInput02.getNumberBallots() is called	1000 , cplInput02.getNumberBallots()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of ballots that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNB_3c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 2000 is retrieved from the FileData type when getNumberBallots() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 2000 as the number of Ballots	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object was created successfully	
3	Assert that 2000 is returned when cplInput03.getNumberBallots() is called	2000 , cplInput03.getNumberBallots()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of ballots that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNB_3d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 2000 is retrieved from the FileData type when getNumberBallots() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 10000 as the number of Ballots	FileData oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object was created successfully	
3	Assert that 10000 is returned when oplInput04.getNumberBallots() is called	10000 , oplInput04.getNumberBallots()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of ballots that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNB_3e

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 2000 is retrieved from the FileData type when getNumberBallots() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 2000 as the number of Ballots	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object was created successfully	
3	Assert that 2000 is returned when oplInput05.getNumberBallots() is called	2000 , oplInput05.getNumberBallots()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of ballots that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNB_3f

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 2000 is retrieved from the FileData type when getNumberBallots() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 2000 as the number of Ballots	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object was created successfully	
3	Assert that 2000 is returned when oplInput06.getNumberBallots() is called	2000 , oplInput06.getNumberBallots()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of ballots that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNP_4a

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 4 is retrieved from the FileData type when getNumberParties() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 4 as the number of parties	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
3	Assert that 4 is returned when cplInput01.getNumberParties() is called	4 , cplInput01.getNumberParties()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of parties that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNP_4b

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 2 is retrieved from the FileData type when getNumberParties() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 2 as the number of parties	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object Created successfully	
3	Assert that 2 is returned when cplInput02.getNumberParties() is called	2 , cplInput02.getNumberParties()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of parties that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNP_4c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 1 is retrieved from the FileData type when getNumberParties() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 1 as the number of parties	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object Created successfully	
3	Assert that 1 is returned when cplInput03.getNumberParties() is called	1 , cplInput03.getNumberParties()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of parties that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNP_4d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 3 is retrieved from the FileData type when getNumberParties() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 3 as the number of parties	FileData oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object Created successfully	
3	Assert that 3 is returned when oplInput04.getNumberParties() is called	3 , oplInput04.getNumberParties()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of parties that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNP_4e

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 2 is retrieved from the FileData type when getNumberParties() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 2 as the number of parties	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object Created successfully	
3	Assert that 2 is returned when oplInput05.getNumberParties() is called	2 , oplInput05.getNumberParties()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of parties that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDNP_4f

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the Integer 2 is retrieved from the FileData type when getNumberParties() is called

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test:

A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the integer 2 as the number of parties	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object Created successfully	
3	Assert that 2 is returned when oplInput06.getNumberParties() is called	2 , oplInput06.getNumberParties()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct number of parties that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 3/22/2024

Test Case ID#: FDPC1_5a1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates01 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate01	HashMap<String, ArrayList<String>> partyCandidates01 = new HashMap<>(); partyCandidates01.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein"))); partyCandidates01.put("Green", new ArrayList<>(Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when cplInput01.cplInput01.getPartyCandidates().containsKey("Dem")	true , cplInput01.cplInput01.getPartyCandidates().containsKey("Dem")	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit x System

Test Date: 3/22/2024

Test Case ID#: FDPC1_5a2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates01 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes x no

Results: Pass x Fail

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate01	HashMap<String, ArrayList<String>> partyCandidates01 = new HashMap<>(); partyCandidates01.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein"))); partyCandidates01.put("Green", new ArrayList<>(Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
4	Assert that "[Sarah, Bob, Jon]" is returned when cplInput01.getPartyCandidates().get("Dem").toString();	"[Sarah, Bob, Jon]", cplInput01.cplInput01.getPartyCandidates().containsKey("Dem")	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit x System

Test Date: 3/22/2024

Test Case ID#: FDPC1_5b1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates01 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes x no

Results: Pass x Fail

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate01	HashMap<String, ArrayList<String>> partyCandidates01 = new HashMap<>(); partyCandidates01.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein"))); partyCandidates01.put("Green", new ArrayList<>(Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when cplInput01.getPartyCandidates().containsKey("Rep")	true , cplInput01.getPartyCandidates().containsKey("Rep"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit x System

Test Date: 3/22/2024

Test Case ID#: FDPC1_5b2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates01 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate01	HashMap<String, ArrayList<String>> partyCandidates01 = new HashMap<>(); partyCandidates01.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein"))); partyCandidates01.put("Green", new ArrayList<>(Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
4	Assert that "[Craig, Klein]" is returned when cplInput01.getPartyCandidates().get("Rep").toString()	"[Craig, Klein]", cplInput01.getPartyCandidates().get("Rep").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit x System

Test Date: 3/22/2024

Test Case ID#: FDPC1_5c1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates01 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes x no

Results: Pass x Fail

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate01	HashMap<String, ArrayList<String>> partyCandidates01 = new HashMap<>(); partyCandidates01.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein"))); partyCandidates01.put("Green", new ArrayList<>(Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when cplInput01.getPartyCandidates().containsKey("Green")	true , cplInput01.getPartyCandidates().containsKey("Green"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit x System

Test Date: 3/22/2024

Test Case ID#: FDPC1_5c2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates01 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no

Results: Pass ☒ Fail

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate01	HashMap<String, ArrayList<String>> partyCandidates01 = new HashMap<>(); partyCandidates01.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein"))); partyCandidates01.put("Green", new ArrayList<>(Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
4	Assert that "[Rain, Water, Grass]" is returned when cplInput01.getPartyCandidates().get("Green")	"[Rain, Water, Grass]", cplInput01.getPartyCandidates().get("Green")	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit _x_ System __

Test Date: 3/22/2024

Test Case ID#: FDPC1_5d1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates01 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes x no

Results: Pass x Fail

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate01	HashMap<String, ArrayList<String>> partyCandidates01 = new HashMap<>(); partyCandidates01.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein"))); partyCandidates01.put("Green", new ArrayList<>(Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when cplInput01.getPartyCandidates().containsKey("Lib")	true, cplInput01.getPartyCandidates().containsKey("Lib")	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDPC1_5d2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates01 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate01	HashMap<String, ArrayList<String>> partyCandidates01 = new HashMap<>(); partyCandidates01.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein"))); partyCandidates01.put("Green", new ArrayList<>(Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
4	Assert that "[Ash, Matt]" is returned when cplInput01.getPartyCandidates().get("Lib").toString()	"[Ash, Matt]", cplInput01.getPartyCandidates().get("Lib").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System**Team# 02****Test Stage: Unit _x_ System __****Test Date: 3/22/2024****Test Case ID#: FDPC1_5e****Name(s) of Testers: Bethany Freeman****Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates01 is correct in FileData****Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java****Automated: yes x no****Results: Pass x Fail****Preconditions for Test: A test CPL FileData type has been created**

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate01	HashMap<String, ArrayList<String>> partyCandidates01 = new HashMap<>(); partyCandidates01.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein"))); partyCandidates01.put("Green", new ArrayList<>(Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when cplInput01.getPartyCandidates().containsKey("Grass")	false, cplInput01.getPartyCandidates().containsKey("Grass");	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit x System

Test Date: 3/22/2024

Test Case ID#: FDPC2_6a1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates02 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes x no

Results: Pass x Fail

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate02	HashMap<String, ArrayList<String>> partyCandidates02 = new HashMap<>(); partyCandidates02.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates02.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein")))	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when cplInput02.getPartyCandidates().containsKey("Dem"))	true, cplInput02.getPartyCandidates().containsKey("Dem"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 3/22/2024

Test Case ID#: FDPC2_6a2

Name(s) of Testers: Bethany Freeman

Test Description:

**Assert True that the HashMap<String, ArrayList<String>>
partyCandidates02
is correct in FileData**

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.
Project1/src/test/java/FileDataTest.java**

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate02	HashMap<String, ArrayList<String>> partyCandidates02 = new HashMap<>(); partyCandidates02.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates02.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein")))	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object was created successfully	
4	Assert that "[Sarah, Bob, Jon]" is returned when cplInput02.getPartyCandidates().get("Dem").toString()	"[Sarah, Bob, Jon]", cplInput02.getPartyCandidates().get("Dem").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDPC2_6b1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates02 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate02	HashMap<String, ArrayList<String>> partyCandidates02 = new HashMap<>(); partyCandidates02.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates02.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein")))	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when cplInput02.getPartyCandidates().containsKey("Rep")	true, cplInput02.getPartyCandidates().containsKey("Rep")	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDPC2_6b2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates02 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate02	HashMap<String, ArrayList<String>> partyCandidates02 = new HashMap<>(); partyCandidates02.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates02.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein")))	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object was created successfully	
4	Assert that "[Craig, Klein]" is returned when cplInput02.getPartyCandidates().get("Rep").toString()	"[Craig, Klein]", cplInput02.getPartyCandidates().get("Rep").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDPC2_6c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates02 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate02	HashMap<String, ArrayList<String>> partyCandidates02 = new HashMap<>(); partyCandidates02.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates02.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein")))	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when cplInput02.getPartyCandidates().containsKey("Green"))	false, cplInput02.getPartyCandidates().containsKey("Green"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDPC2_6d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates02 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate02	HashMap<String, ArrayList<String>> partyCandidates02 = new HashMap<>(); partyCandidates02.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates02.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein")))	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when cplInput02.getPartyCandidates().containsKey("Lib")	false, cplInput02.getPartyCandidates().containsKey("Lib"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/2024

Test Case ID#: FDPC2_6e

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates02 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate02	HashMap<String, ArrayList<String>> partyCandidates02 = new HashMap<>(); partyCandidates02.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates02.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein")))	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when cplInput02.getPartyCandidates().containsKey("Grass")	false, cplInput02.getPartyCandidates().containsKey("Grass"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System**Team# 02****Test Stage:** Unit ☒ System ☐**Test Date:** 3/22/24**Test Case ID#:** FDPC3_7a1**Name(s) of Testers:** Bethany Freeman**Test Description:** Assert True that the HashMap<String, ArrayList<String>> partyCandidates03 is correct in FileData**Indicate where are you storing the tests (what file) and the name of the method/functions being used.**
Project1/src/test/java/**Automated:** yes ☒ no ☐**Results:** Pass ☒ Fail ☐**Preconditions for Test:** A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate03	HashMap<String, ArrayList<String>> partyCandidates03 = new HashMap<>(); partyCandidates03.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon")));	Object Created successfully	Object Created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object Created successfully	
4	Assert that true is returned when cplInput03.getPartyCandidates().containsKey("Dem"))	true, cplInput03.getPartyCandidates().containsKey("Dem"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System**Team# 02****Test Stage:** Unit ☒ System ☐**Test Date:** 3/22/24**Test Case ID#:** FDPC3_7a2**Name(s) of Testers:** Bethany Freeman**Test Description:** Assert True that the HashMap<String, ArrayList<String>> partyCandidates03 is correct in FileData**Indicate where are you storing the tests (what file) and the name of the method/functions being used.**
Project1/src/test/java/**Automated:** yes ☒ no ☐**Results:** Pass ☒ Fail ☐**Preconditions for Test:** A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate03	HashMap<String, ArrayList<String>> partyCandidates03 = new HashMap<>(); partyCandidates03.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon")));	Object Created successfully	Object Created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object Created successfully	
4	Assert that "[Sarah, Bob, Jon]" is returned when cplInput03.getPartyCandidates().get("Dem").toString()	"[Sarah, Bob, Jon]", cplInput03.getPartyCandidates().get("Dem").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System**Team# 02****Test Stage:** Unit ☒ System ☐**Test Date:** 3/22/24**Test Case ID#:** FDPC3_7b**Name(s) of Testers:** Bethany Freeman**Test Description:** Assert True that the HashMap<String, ArrayList<String>> partyCandidates03 is correct in FileData**Indicate where are you storing the tests (what file) and the name of the method/functions being used.**
Project1/src/test/java/**Automated:** yes ☒ no ☐**Results:** Pass ☒ Fail ☐**Preconditions for Test:** A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate03	HashMap<String, ArrayList<String>> partyCandidates03 = new HashMap<>(); partyCandidates03.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon")));	Object Created successfully	Object Created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object Created successfully	
4	Assert that false is returned when cplInput03.getPartyCandidates().containsKey("Rep")	false, cplInput03.getPartyCandidates().containsKey("Rep")	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System**Team# 02****Test Stage:** Unit ☒ System ☐**Test Date:** 3/22/24**Test Case ID#:** FDPC3_7c**Name(s) of Testers:** Bethany Freeman**Test Description:** Assert True that the HashMap<String, ArrayList<String>> partyCandidates03 is correct in FileData**Indicate where are you storing the tests (what file) and the name of the method/functions being used.**
Project1/src/test/java/**Automated:** yes ☒ no ☐**Results:** Pass ☒ Fail ☐**Preconditions for Test:** A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate03	HashMap<String, ArrayList<String>> partyCandidates03 = new HashMap<>(); partyCandidates03.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon")));	Object Created successfully	Object Created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object Created successfully	
4	Assert that false is returned when cplInput03.getPartyCandidates().containsKey("Green"))	false, cplInput03.getPartyCandidates().containsKey("Green"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System**Team# 02****Test Stage:** Unit ☒ System ☐**Test Date:** 3/22/24**Test Case ID#:** FDPC3_7d**Name(s) of Testers:** Bethany Freeman**Test Description:** Assert True that the HashMap<String, ArrayList<String>> partyCandidates03 is correct in FileData**Indicate where are you storing the tests (what file) and the name of the method/functions being used.**
Project1/src/test/java/**Automated:** yes ☒ no ☐**Results:** Pass ☒ Fail ☐**Preconditions for Test:** A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate03	HashMap<String, ArrayList<String>> partyCandidates03 = new HashMap<>(); partyCandidates03.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon")));	Object Created successfully	Object Created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object Created successfully	
4	Assert that false is returned when cplInput03.getPartyCandidates().containsKey("Lib")	false, cplInput03.getPartyCandidates().containsKey("Lib"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System**Team# 02****Test Stage:** Unit ☒ System ☐**Test Date:** 3/22/24**Test Case ID#:** FDPC3_7e**Name(s) of Testers:** Bethany Freeman**Test Description:** Assert True that the HashMap<String, ArrayList<String>> partyCandidates03 is correct in FileData**Indicate where are you storing the tests (what file) and the name of the method/functions being used.**
Project1/src/test/java/**Automated:** yes ☒ no ☐**Results:** Pass ☒ Fail ☐**Preconditions for Test:** A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate03	HashMap<String, ArrayList<String>> partyCandidates03 = new HashMap<>(); partyCandidates03.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon")));	Object Created successfully	Object Created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object Created successfully	
4	Assert that false is returned when cplInput03.getPartyCandidates().containsKey("Grass"))	false, cplInput03.getPartyCandidates().containsKey("Grass"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDPC4_8a1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates04 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate04	ArrayList<ArrayList<Object>> partyVotes04 = new ArrayList<>(); partyVotes04.add(new ArrayList<>(Arrays.asList("Dem", 6000))); partyVotes04.add(new ArrayList<>(Arrays.asList("Rep", 4000)));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when oplInput04.getPartyCandidates().containsKey("Dem")	true, oplInput04.getPartyCandidates().containsKey("Dem"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDPC4_8a2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates04 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate04	ArrayList<ArrayList<Object>> partyVotes04 = new ArrayList<>(); partyVotes04.add(new ArrayList<>(Arrays.asList("Dem", 6000))); partyVotes04.add(new ArrayList<>(Arrays.asList("Rep", 4000)));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object was created successfully	
4	Assert that "[Sarah, Bob]" is returned when oplInput04.getPartyCandidates().get("Dem").toString()	"[Sarah, Bob]", oplInput04.getPartyCandidates().get("Dem").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDPC4_8b1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates04 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate04	ArrayList<ArrayList<Object>> partyVotes04 = new ArrayList<>(); partyVotes04.add(new ArrayList<>(Arrays.asList("Dem", 6000))); partyVotes04.add(new ArrayList<>(Arrays.asList("Rep", 4000)));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when oplInput04.getPartyCandidates().containsKey("Rep"))	true, oplInput04.getPartyCandidates().containsKey("Rep"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDPC4_8b2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates04 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate04	ArrayList<ArrayList<Object>> partyVotes04 = new ArrayList<>(); partyVotes04.add(new ArrayList<>(Arrays.asList("Dem", 6000))); partyVotes04.add(new ArrayList<>(Arrays.asList("Rep", 4000)));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object was created successfully	
4	Assert that "[Craig]" is returned when oplInput04.getPartyCandidates().get("Rep").toString()	"[Craig]", oplInput04.getPartyCandidates().get("Rep").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDPC4_8c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates04 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate04	ArrayList<ArrayList<Object>> partyVotes04 = new ArrayList<>(); partyVotes04.add(new ArrayList<>(Arrays.asList("Dem", 6000))); partyVotes04.add(new ArrayList<>(Arrays.asList("Rep", 4000)));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when oplInput04.getPartyCandidates().containsKey("Green")	false, oplInput04.getPartyCandidates().containsKey("Green"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDPC4_8d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates04 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate04	ArrayList<ArrayList<Object>> partyVotes04 = new ArrayList<>(); partyVotes04.add(new ArrayList<>(Arrays.asList("Dem", 6000))); partyVotes04.add(new ArrayList<>(Arrays.asList("Rep", 4000)));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when oplInput04.getPartyCandidates().containsKey("Lib")	false, oplInput04.getPartyCandidates().containsKey("Lib"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 3/22/24

Test Case ID#: FDPC4_8e

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates04 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Project1/src/test/java/

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate04	ArrayList<ArrayList<Object>> partyVotes04 = new ArrayList<>(); partyVotes04.add(new ArrayList<>(Arrays.asList("Dem", 6000))); partyVotes04.add(new ArrayList<>(Arrays.asList("Rep", 4000)));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when oplInput04.getPartyCandidates().containsKey("Grass")	false, oplInput04.getPartyCandidates().containsKey("Grass"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC5_9a1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates05 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate05	HashMap<String, ArrayList<String>> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when oplInput05.getPartyCandidates().containsKey("Dem")	true, oplInput05.getPartyCandidates().containsKey("Dem"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDPC5_9a2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates05 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate05	HashMap<String, ArrayList<String>> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object was created successfully	
4	Assert that "[Sarah]" is returned when oplInput05.getPartyCandidates().get("Dem").toString()	"[Sarah]", oplInput05.getPartyCandidates().get("Dem").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC5_9b1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates05 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate05	HashMap<String, ArrayList<String>> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when oplInput05.getPartyCandidates().containsKey("Grass")	true, oplInput05.getPartyCandidates().containsKey("Grass")	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC5_9b2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates05 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate05	HashMap<String, ArrayList<String>> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object was created successfully	
4	Assert that "[Rain]" is returned when oplInput05.getPartyCandidates().get("Grass").toString()	"[Rain]", oplInput05.getPartyCandidates().get("Grass").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC5_9c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates05 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate05	HashMap<String, ArrayList<String>> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when oplInput05.getPartyCandidates().containsKey("Green")	false, oplInput05.getPartyCandidates().containsKey("Green");	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDPC5_9d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates05 is correct in FileData

**Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java**

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate05	HashMap<String, ArrayList<String>> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when oplInput05.getPartyCandidates().containsKey("Lib")	false, oplInput05.getPartyCandidates().containsKey("Lib"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC6_10a1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates06 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate06	HashMap<String, ArrayList<String>> partyCandidates06 = new HashMap<>(); partyCandidates06.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates06.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when oplInput06.getPartyCandidates().containsKey("Dem"))	true, oplInput06.getPartyCandidates().containsKey("Dem"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC6_10a2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates06 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate06	HashMap<String, ArrayList<String>> partyCandidates06 = new HashMap<>(); partyCandidates06.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates06.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object was created successfully	
4	Assert that "[Sarah]" is returned when oplInput06.getPartyCandidates().get("Dem").toString()	"[Sarah]", oplInput06.getPartyCandidates().get("Dem").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC6_10b1

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates06 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate06	HashMap<String, ArrayList<String>> partyCandidates06 = new HashMap<>(); partyCandidates06.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates06.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object was created successfully	
4	Assert that true is returned when oplInput06.getPartyCandidates().containsKey("Grass"))	true, oplInput06.getPartyCandidates().containsKey("Grass"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC6_10b2

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates06 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate06	HashMap<String, ArrayList<String>> partyCandidates06 = new HashMap<>(); partyCandidates06.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates06.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object was created successfully	
4	Assert that "[Rain]" is returned when oplInput06.getPartyCandidates().get("Grass").toString()	"[Rain]", oplInput06.getPartyCandidates().get("Grass").toString()	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC6_10c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates06 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate06	HashMap<String, ArrayList<String>> partyCandidates06 = new HashMap<>(); partyCandidates06.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates06.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when oplInput06.getPartyCandidates().containsKey("Green"))	false, oplInput06.getPartyCandidates().containsKey("Green"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ **System** ☐

Test Date: 03/22/24

Test Case ID#: FDPC6_10d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the HashMap<String, ArrayList<String>> partyCandidates06 is correct in FileData

Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ **no** ☐

Results: Pass ☒ **Fail** ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new HashMap<String, ArrayList<String>> partyCandidate06	HashMap<String, ArrayList<String>> partyCandidates06 = new HashMap<>(); partyCandidates06.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates06.put("Grass", new ArrayList<>(Arrays.asList("Rain")));	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap<String, ArrayList<String>> object as the partyCandidate	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object was created successfully	
4	Assert that false is returned when oplInput06.getPartyCandidates().containsKey("Lib")	false, oplInput06.getPartyCandidates().containsKey("Lib"))	true	true	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyCandidate HashMap that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDPV_11a

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> partyVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList<> partyVotes01 as the partyVotes	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
3	Assert that "[[Dem, 2500], [Rep, 3000], [Green, 2100], [Lib, 2400]]" is returned when cplInput01.getPartyVotes().toString() is called	"[[Dem, 2500], [Rep, 3000], [Green, 2100], [Lib, 2400]]", cplInput01.getPartyVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDPV_11b

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> partyVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< partyVotes02 as the partyVotes	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02)	Object Created successfully	Object was created successfully	
3	Assert that "[[Dem, 750], [Rep, 250]]" is returned when cplInput02.getPartyVotes().toString() is called	"[[Dem, 750], [Rep, 250]]", cplInput02.getPartyVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDPV_11c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> partyVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList<> partyVotes03 as the partyVotes	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03)	Object Created successfully	Object was created successfully	
3	Assert that "[[Dem, 2000]]" is returned when cplInput03.getPartyVotes().toString() is called	"[[Dem, 2000]]", cplInput03.getPartyVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDPV_11d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> partyVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< partyVotes04 as the partyVotes	FileData oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04)	Object Created successfully	Object was created successfully	
3	Assert that "[[Dem, 6000], [Rep, 4000]]" is returned when oplInput04.getPartyVotes().toString() is called	"[[Dem, 6000], [Rep, 4000]]", oplInput04.getPartyVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDPV_11e

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> partyVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< partyVotes05 as the partyVotes	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05)	Object Created successfully	Object was created successfully	
3	Assert that "[[Dem, 1500], [Grass, 500]]" is returned when oplInput05.getPartyVotes().toString() is called	"[[Dem, 1500], [Grass, 500]]", oplInput05.getPartyVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDPV_11f

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> partyVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< partyVotes06 as the partyVotes	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06)	Object Created successfully	Object was created successfully	
3	Assert that "[[Dem, 1900], [Grass, 100]]" is returned when oplInput06.getPartyVotes().toString() is called	"[[Dem, 1900], [Grass, 100]]", oplInput06.getPartyVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct partyVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDCV_12a

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> candidateVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< candidateVotes01 as the candidateVotes	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
3	Assert that "[[Sarah, 0], [Bob, 0], [Jon, 0], [Craig, 0], [Klein, 0], [Rain, 0], [Water, 0], [Grass, 0], [Ash, 0], [Matt, 0]]" is returned when cplInput01.getCandidateVotes().toString() is called	"[[Sarah, 0], [Bob, 0], [Jon, 0], [Craig, 0], [Klein, 0], [Rain, 0], [Water, 0], [Grass, 0], [Ash, 0], [Matt, 0]]", cplInput01.getCandidateVotes().toString())	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct candidateVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDCV_12b

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> candidateVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< candidateVotes02 as the candidateVotes	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Object Created successfully	Object was created successfully	
3	Assert that "[[Sarah, 0], [Bob, 0], [Jon, 0], [Craig, 0], [Klein, 0]]" is returned when cplInput02.getCandidateVotes().toString() is called	"[[Sarah, 0], [Bob, 0], [Jon, 0], [Craig, 0], [Klein, 0]]", cplInput02.getCandidateVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct candidateVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDCV_12c

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> candidateVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test CPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< candidateVotes03 as the candidateVotes	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	Object Created successfully	Object was created successfully	
3	Assert that "[[Sarah, 0], [Bob, 0], [Jon, 0]]" is returned when cplInput03.getCandidateVotes().toString() is called	"[[Sarah, 0], [Bob, 0], [Jon, 0]]", cplInput03.getCandidateVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct candidateVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDCV_12d

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> candidateVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< candidateVotes04 as the candidateVotes	FileData oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Object Created successfully	Object was created successfully	
3	Assert that "[[Sarah, 4500], [Bob, 2000], [Jon, 3500]]" is returned when oplInput04.getCandidateVotes().toString() is called	"[[Sarah, 4500], [Bob, 2000], [Jon, 3500]]", oplInput04.getCandidateVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct candidateVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDCV_12e

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> candidateVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**

Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< candidateVotes05 as the candidateVotes	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object was created successfully	
3	Assert that "[[Sarah, 1500], [Rain, 500]]" is returned when oplInput05.getCandidateVotes().toString() is called	"[[Sarah, 1500], [Rain, 500]]", oplInput05.getCandidateVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct candidateVote ArrayList that was given to it.

Project Name: Project 1: Voting System

Team# 02

Test Stage: Unit ☒ System ☐

Test Date: 03/22/24

Test Case ID#: FDCV_12f

Name(s) of Testers: Bethany Freeman

Test Description: Assert True that the
ArrayList<ArrayList<Object>> candidateVotes
is correct in FileData

**Indicate where are you storing the tests (what file) and the
name of the method/functions being used.**
Project1/src/test/java/FileDataTest.java

Automated: yes ☒ no ☐

Results: Pass ☒ Fail ☐

Preconditions for Test: A test OPL FileData type has been created

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1					
2	Create a new FileData Object that has the ArrayList< candidateVotes06 as the candidateVotes	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object was created successfully	
3	Assert that "[[Sarah, 1900], [Rain, 100]]" is returned when oplInput06.getCandidateVotes().toString() is called	"[[Sarah, 1900], [Rain, 100]]", oplInput06.getCandidateVotes().toString()	True	True	

Post condition(s) for Test:

The FileData Object will have been confirmed to have been created with the correct candidateVote ArrayList that was given to it.

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.