Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 3/22/2024		
Test Case ID#: FDET_1a Test Description: Assert True that the CPL string is retrieved from the FileData type when getElectionType() is called	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java		
Results: Pass x Fail			
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Preconditions for Test: A test CPL FileData type has been	en created		

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDET_1b Test Description: Assert True that the CPL string is retrieved from the FileData type when getElectionType() is called	Name(s) of Testers: Bethany Freeman
	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 bee	en created

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

Project Name: Project 1: Voting System	Team# 02			
Test Stage: Unit _x_ System	Test Date: 3/22/2024			
Test Case ID#: FDET_1c Test Description: Assert True that the CPL string is retrieved from the FileData type when getElectionType() is called	Name(s) of Testers: Bethany Freeman			
	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	n created			

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDET_1d Test Description: Assert True that the OPL string is retrieved from the FileData type when getElectionType() is called	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has be	en created

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

Project Name: Project 1: Voting System	Team# 02			
Test Stage: Unit _x_ System	Test Date: 3/22/2024			
Test Case ID#: FDET_1e Test Description: Assert True that the OPL string is retrieved from the FileData type when getElectionType() is called	Name(s) of Testers: Bethany Freeman			
	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 OPL FileData type has bee	n created			

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDET_1f Test Description: Assert True that the OPL string is retrieved from the FileData type when getElectionType() is called	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been	en created

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		FileData("OPL", 10, 2000, 2,	3	Object Created successfully	
	Create a new FileData Object	, ,			
1 7	that has the string "OPL" as the	• •			
		candidateVotes06);	T	Т.,	
	Assert that "OPL" is returned when		True	True	
	11 -	"OPL",			
	1 1 5	oplInput06.getElectionType()			

Team# 02
Test Date: 3/22/2024
Name(s) of Testers: Bethany Freeman
Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDNS_2b Test Description: Assert True that the integer 0 is retrieved from the FileData type when getNumberSeat() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test: A test CPL FileData type has been created	

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
1 2	Create a new FileData Object that has 0 as the	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	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDNS_2c Test Description: Assert True that the integer 10 is retrieved from the FileData type when getNumberSeat() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test:	
A test CPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDNS_2d Test Description: Assert True that the integer 2 is retrieved from the FileData type when getNumberSeat() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDNS_2e Test Description: Assert True that the integer 0 is retrieved from the FileData type when getNumberSeat() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDNS_2e Test Description: Assert True that the integer 0 is retrieved from the FileData type when getNumberSeat() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDNS_2f Test Description: Assert True that the integer 10 is retrieved from the FileData type when getNumberSeat() is called	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDNB_3a Test Description: Assert True that the Integer 10000 is retrieved from the FileData type when getNumberBallots() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java
Results: Pass x Fail	
Preconditions for Test: A test CPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDNB_3b Test Description: Assert True that the Integer 1000 is retrieved from the FileData type when getNumberBallots() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java
Results: Pass x Fail	
Preconditions for Test: A test CPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDNB_3c Test Description: Assert True that the Integer 2000 is retrieved from the FileData type when getNumberBallots() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java
Results: Pass x Fail	
Preconditions for Test: A test CPL FileData type has been created	

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		FileData cplInput03 = new FileData("CPL", 10, 2000, 1,	2	Object was created successfully	
		partyCandidates03,			
	that has the integer 2000 as the	partyVotes03,			
	number of Ballots	candidateVotes03);			
	Assert that 2000 is returned		True	True	
	when	2000,			
	cplInput03.getNumberBallots()	cplInput03.getNumberBallots			
3	is called	0			

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDNB_3d Test Description: Assert True that the Integer 2000 is retrieved from the FileData type when getNumberBallots() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDNB_3e Test Description: Assert True that the Integer 2000 is retrieved from the FileData type when getNumberBallots() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDNB_3f Test Description: Assert True that the Integer 2000 is retrieved from the FileData type when getNumberBallots() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has been created	

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		FileData oplInput06 = new FileData("OPL", 10, 2000, 2,	5	Object was created successfully	
	Create a new FileData Object	partyCandidates06,			
1 ,	that has the integer 2000 as the	partyVotes06,			
	number of Ballots	candidateVotes06);			
	Assert that 2000 is returned		True	True	
	when	2000 ,			
	oplInput06.getNumberBallots()	oplInput06.getNumberBallot			
3	is called	s()			

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 3/22/24		
Test Case ID#: FDNP_4a Test Description: Assert True that the Integer 4 is retrieved from the FileData type when getNumberParties() is called	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java		
Results: Pass x Fail			
Preconditions for Test:			
A test CPL FileData type has been created			

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDNP_4b Test Description: Assert True that the Integer 2 is retrieved from the FileData type when getNumberParties() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java
Results: Pass x Fail	
Preconditions for Test: A test CPL FileData type has been created	

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDNP_4c Test Description: Assert True that the Integer 1 is retrieved from the FileData type when getNumberParties() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java
Results: Pass x Fail	
Preconditions for Test: A test CPL FileData type has been created	

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
1 7	Create a new FileData Object that has the integer 1 as the	FileData cplInput03 = new FileData("CPL", 10, 2000, 1, partyCandidates03, partyVotes03, candidateVotes03);	, ,	Object Created successfully	
	Assert that 1 is returned when cplInput03.getNumberParties() is called	,	True	True	

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 3/22/24		
Test Case ID#: FDNP_4d Test Description: Assert True that the Integer 3 is retrieved from the FileData type when getNumberParties() is called	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java		
Results: Pass x Fail			
Preconditions for Test: A test OPL FileData type has been created			

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
1 7	Create a new FileData Object that has the integer 3 as the	FileData oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	, ,	Object Created successfully	
	Assert that 3 is returned when oplInput04.getNumberParties() is called	,	True	True	

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 3/22/24		
Test Case ID#: FDNP_4e Test Description: Assert True that the Integer 2 is retrieved from the FileData type when getNumberParties() is called	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java		
Results: Pass x Fail			
Preconditions for Test: A test OPL FileData type has been created			

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
1 7	Create a new FileData Object that has the integer 2 as the	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Object Created successfully	Object Created successfully	
	Assert that 2 is returned when oplInput05.getNumberParties() is called	,	True	True	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDNP_4f Test Description: Assert True that the Integer 2 is retrieved from the FileData type when getNumberParties() is called	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java
Results: Pass x Fail	
Preconditions for Test:	
A test OPL FileData type has been created	

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
1 7	Create a new FileData Object that has the integer 2 as the	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	, ,	Object Created successfully	
	Assert that 2 is returned when oplInput06.getNumberParties() is called	,	True	True	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC1_5a1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates01 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, ArrayList<string>> partyCandidate01</string></string, 		Object Created successfully	Object was created successfully	
	Create a new FileData Object that has a HashMap <string, ArrayList<string>> object as the partyCandidate</string></string, 	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
	Assert that true is returned when cplInput01.cplInput01.getPartyCandidates().containsKey("Dem")		true	true	

Project Name:	Project 1: Voting System	Team# 02
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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	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, ArrayList<string>> partyCandidate01</string></string, 	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("Rain", "Water", "Grass")));</string,>	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap <string, ArrayList<string>> object as the partyCandidate</string></string, 	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
	Assert that "[Sarah, Bob, Jon]" is returned when cplInput01.getPartyCandidates().get("Dem").toString()):	"[Sarah, Bob, Jon]", cplInput01.cplInput01.getPartyCandidates().containsKey("Dem ")		true	

Post condition(s) for Test:

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC1_5b1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates01 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 cr	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, ArrayList<string>> partyCandidate01</string></string, 	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("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));</string,>	Object Created successfully	Object was created successfully	
	Create a new FileData Object that has a HashMap <string, ArrayList<string>> object as the partyCandidate</string></string, 		Object Created successfully	Object was created successfully	
4	Assert that true is returned when cplInput01.getPartyCandidates().contains Key("Rep"))	true , cplInput01.getPartyCandidates().containsKey("Rep"))	true	true	

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 x no

Results: Pass x Fail

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

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, ArrayList<string>> partyCandidate01</string></string, 	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")));</string,>	3	Object was created successfully	
3	Create a new FileData Object that has a HashMap <string, ArrayList<string>> object as the partyCandidate</string></string, 	FileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01);	Object Created successfully	Object was created successfully	
1	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:

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC1_5c1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates01 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 cr	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string,< td=""><td>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("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));</string,></td><td>Object Created successfully</td><td>Object was created successfully</td><td></td></string,<>	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("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));</string,>	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap <string, ArrayList<string>> object as the partyCandidate</string></string, 	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().contains Key("Green"))		true	true	

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 x no

Results: Pass x Fail

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

	Data HashMap <string, arraylist<string="">> partyCandidates01 = new</string,>		Result	Notes
	HashMan <string arraylist<string="">> partyCandidates01 = new</string>			
	HashMap <string, arraylist<string="">> partyCandidates01 = new</string,>			
reate a new HashMap <string,< th=""><th>HashMap<(); partyCandidates01.put("Dem", new ArrayList<(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<(Arrays.asList("Craig", "Klein")));</th><th>Object Created successfully</th><th>Object was created successfully</th><th></th></string,<>	HashMap<(); partyCandidates01.put("Dem", new ArrayList<(Arrays.asList("Sarah", "Bob", "Jon"))); partyCandidates01.put("Rep", new ArrayList<(Arrays.asList("Craig", "Klein")));	Object Created successfully	Object was created successfully	
	FileData cplInput01 = new FileData("CPL", 3, 10000, 4,	Object Created successfully	Object was created successfully	
	"[Rain, Water, Grass]",	true	true	
rear	eate a new HashMap <string, raylist<string="">> partyCandidate01 eate a new FileData Object t has a HashMap<string, raylist<string="">> object as the tyCandidate sert that "[Rain, Water, Grass]" is urned when Input01.getPartyCandidates().get("Gree</string,></string,>	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("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList (Arrays.asList("Ash", "Matt"))); PartyCandidates01.put("Lib", new ArrayList (Arrays.asList("Ash", "Matt"))); PartyCandidates01.put("Lib", new ArrayList (Arrays.asList("Ash", "Matt"))); PartyCandidates01.put("Lib", new ArrayList (Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList (Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList ("Arrays.asList("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList ("Arrays.asList("Ash", "Matt")));	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"))); eate a new FileData Object t has a HashMap <string, raylist<string="">> object as the tryCandidate fileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidateVotes01); frue true [Rain, Water, Grass]" is urned when Input01.getPartyCandidates().get("Gree" [Rain, Water, Grass]",</string,>	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"))); eate a new HashMap (String) partyCandidate01 ArrayList (Arrays.asList("Ash", "Matt"))); eate a new FileData Object t has a HashMap (String) rayList (String) object as the true fileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidate Votes01); fileData cplInput01 = new FileData("CPL", 3, 10000, 4, partyCandidates01, partyVotes01, candidate Votes01); frue true true true

Post condition(s) for Test:

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC1_5d1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates01 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 cr	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2		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("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));</string,>	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap <string, ArrayList<string>> object as the</string></string, 		Object Created successfully	Object was created successfully	
4	Assert that true is returned when cplInput01.getPartyCandidates().contains Key("Lib"))		true	true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC1_5d2 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates01 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 cr	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string,< td=""><td>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")));</string,></td><td>Object Created successfully</td><td>Object was created successfully</td><td></td></string,<>	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")));</string,>	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap <string, ArrayList<string>> object as the</string></string, 		Object Created successfully	Object was created successfully	
4	Assert that "[Ash, Matt]" is returned when cplInput01.getPartyCandidates().get("Lib").toString())		true	true	

Proiect Name:	Project 1: Voting System	Team# 02
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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	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2		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("Rain", "Water", "Grass"))); partyCandidates01.put("Lib", new ArrayList<>(Arrays.asList("Ash", "Matt")));</string,>	Object Created successfully	Object was created successfully	
	Create a new FileData Object that has a HashMap <string, ArrayList<string>> object as the</string></string, 		Object Created successfully	Object was created successfully	
	Assert that false is returned when cplInput01.getPartyCandidates().contains Key("Grass"))		true	true	

Post condition(s) for Test:

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC2_6a1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates02 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 cr	eated

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC2_6a2 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates02 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 cre	ated

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC2_6b1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates02 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 co	reated
V I	

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

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 3/22/2024		
Test Case ID#: FDPC2_6b2 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates02 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java		
<u> </u>			
Results: Pass x Fail			
Preconditions for Test: A test CPL FileData type has been cr	reated		

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		HashMap <string, arraylist<string="">> partyCandidates02 = new HashMap<>(); partyCandidates02.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon")));</string,>	Object Created successfully	Object was created successfully	
2	Create a new HashMap <string, ArrayList<string>> partyCandidate02</string></string, 	partyCandidates02.put("Rep", new ArrayList<>(Arrays.asList("Craig", "Klein")))			
3		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	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC2_6c Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates02 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test: A test CPL FileData type has been c	reated

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

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 3/22/2024		
Test Case ID#: FDPC2_6d Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates02 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java		
Results: Pass x Fail			
ICOURS: 1 455 A 1 411			
Preconditions for Test: A test CPL FileData type has been co	reated		

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		HashMap<>(); partyCandidates02.put("Dem", new	Object Created successfully	Object was created successfully	
		ArrayList⇔(Arrays.asList("Sarah", "Bob", "Jon")));			
2	Create a new HashMap <string, ArrayList<string>> partyCandidate02</string></string, 	partyCandidates02.put("Rep", new ArrayList≪(Arrays.asList("Craig", "Klein")))			
3		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().contains		true	true	
4	Assert that false is returned when cplInput02.getPartyCandidates().contains		true	true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/2024
Test Case ID#: FDPC2_6e Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates02 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 cre	ated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		HashMap <string, arraylist<string="">> partyCandidates02 = new HashMap<>(); partyCandidates02.put("Dem", new ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon")));</string,>	Object Created successfully	Object was created successfully	
2	Create a new HashMap <string,< td=""><td>partyCandidates02.put("Rep", new ArrayList≪(Arrays.asList("Craig", "Klein")))</td><td></td><td></td><td></td></string,<>	partyCandidates02.put("Rep", new ArrayList≪(Arrays.asList("Craig", "Klein")))			
3	, , ,	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().contains Key("Grass"))		true	true	

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

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

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

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

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

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

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

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		HashMap <string, arraylist<string="">> partyCandidates03 = new</string,>	,	Object Created	
		1 07	successfully	successfully	
1 2	Create a new HashMap <string,< td=""><td>partyCandidates03.put("Dem", new</td><td></td><td></td><td></td></string,<>	partyCandidates03.put("Dem", new			
	ArrayList <string>> partyCandidate03</string>	ArrayList⇔(Arrays.asList("Sarah", "Bob", "Jon")));			
	Create a new FileData Object		Object Created	Object Created	
	that has a HashMap <string,< td=""><td></td><td>successfully</td><td>successfully</td><td></td></string,<>		successfully	successfully	
	ArrayList <string>> object as the</string>	FileData cplInput03 = new FileData("CPL", 10, 2000, 1,			
3	partyCandidate	partyCandidates03, partyVotes03, candidateVotes03);			
	Assert that false is returned when		true	true	
	cplInput03.getPartyCandidates().containsKey				
4	("Green"))	false, cplInput03.getPartyCandidates().containsKey("Green"))			

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

Step	Test Step	Test	1	Actual	
#	Description	Data	Result	Result	Notes
1					
		HashMap <string, arraylist<string="">> partyCandidates03 = new</string,>	9	Object Created	
		1 0//	successfully	successfully	
1 2	1 0,	partyCandidates03.put("Dem", new			
	ArrayList <string>> partyCandidate03</string>	ArrayList<>(Arrays.asList("Sarah", "Bob", "Jon")));			
	Create a new FileData Object		Object Created	Object Created	
	that has a HashMap <string,< td=""><td></td><td>successfully</td><td>successfully</td><td></td></string,<>		successfully	successfully	
	ArrayList <string>> object as the</string>	FileData cplInput03 = new FileData("CPL", 10, 2000, 1,	•	·	
3	partyCandidate	partyCandidates03, partyVotes03, candidateVotes03);			
	Assert that false is returned when		true	true	
	cplInput03.getPartyCandidates().containsKey				
4	("Lib"))	false, cplInput03.getPartyCandidates().containsKey("Lib"))			

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

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		HashMap <string, arraylist<string="">> partyCandidates03 = new HashMap<>();</string,>	Object Created successfully	Object Created successfully	
2	1 0,	partyCandidates03.put("Dem", new ArrayList⇔(Arrays.asList("Sarah", "Bob", "Jon")));	j		
	Create a new FileData Object that has a HashMap <string, ArrayList<string>> object as the</string></string, 		Object Created successfully	Object Created successfully	
3	, E ,	partyCandidates03, partyVotes03, candidateVotes03);			
4	Assert that false is returned when cplInput03.getPartyCandidates().containsKey ("Grass"))		true	true	

Team# 02
Test Date: 3/22/24
Name(s) of Testers: Bethany Freeman
Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/
eated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, arraylist<string="">></string,>	1 3 3 1 3	Object Created successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap <string, arraylist<string="">> object as the partyCandidate</string,>		Object Created successfully	Object was created successfully	
	Assert that true is returned when oplInput04.getPartyCandidates().containsKey("Dem"))		true	true	

Project Name: Project 1: Voting System	Team# U2
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDPC4_8a2 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates04 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/
Results: Pass x Fail	
Trebutest 1 and 1 Treff	
Preconditions for Test: A test OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, arraylist<string="">>></string,>		successfully	Object was created successfully	
3	1 0, 3	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	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	

Project Name: Project 1: Voting System	1eam# U2
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDPC4_8b1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates04 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/
Results: Pass x Fail	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Preconditions for Test: A test OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, arraylist<string="">>></string,>	3 3 1 3	successfully	Object was created successfully	
3	Create a new FileData Object that has a HashMap <string, arraylist<string="">> object as the partyCandidate</string,>	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	successfully	Object was created successfully	
4	Assert that true is returned when oplInput04.getPartyCandidates().containsKey("Rep"))))	,	true	true	

Project Name: Project 1: Voting System	1eam# U2
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDPC4_8b2 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates04 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, arraylist<string="">>></string,>		successfully	Object was created successfully	
3	as the partyCandidate	partyCandidates04, partyVotes04, candidateVotes04);	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	

Team# 02
Test Date: 3/22/24
Name(s) of Testers: Bethany Freeman
Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/
eated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, arraylist<string="">>></string,>			Object was created successfully	
3	Create a new FileData Object that has a HashMap <string, arraylist<string="">> object as the partyCandidate</string,>		Object Created successfully	Object was created successfully	
1 4		false, oplInput04.getPartyCandidates().containsKey("Green"))	true	true	

Project Name: Project 1: Voting System	1eam# U2		
Test Stage: Unit _x_ System	Test Date: 3/22/24		
Test Case ID#: FDPC4_8d Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates04 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/		
Results: Pass x Fail			
Preconditions for Test: A test OPL FileData type has been c	reated		
The state of the s	~ • • • • • • • • • • • • • • • • • • •		

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, arraylist<string="">>></string,>	3 3 1 3	successfully	Object was created successfully	
3	1 0, 3	oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	successfully	Object was created successfully	
4	Assert that false is returned when oplInput04.getPartyCandidates().containsKey("Lib"))	false, oplInput04.getPartyCandidates().containsKey("Lib"))	true	true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 3/22/24
Test Case ID#: FDPC4_8e Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates04 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
Andometed, we we	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/
Automated: yes_x_ no	
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has been cr	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, arraylist<string="">>></string,>	3 3 1 3	successfully	Object was created successfully	
3		oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	successfully	Object was created successfully	
4		false, oplInput04.getPartyCandidates().containsKey("Grass"))	true	true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC5_9a1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates05 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string,< td=""><td>HashMap<string, arraylist<string="">> partyCandidates05 = new HashMap<(); partyCandidates05.put("Dem", new ArrayList<(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<(Arrays.asList("Rain")));</string,></td><td></td><td>Object was created successfully</td><td></td></string,<>	HashMap <string, arraylist<string="">> partyCandidates05 = new HashMap<(); partyCandidates05.put("Dem", new ArrayList<(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<(Arrays.asList("Rain")));</string,>		Object was created successfully	
3	,	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);		Object was created successfully	
4	Assert that true is returned when oplInput05.getPartyCandidates().contain sKey("Dem"))			true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC5_9a2 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates05 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
Antomotoda was w	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 OPL FileData type has been cre	eated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string,< td=""><td>HashMap<string, arraylist<string="">> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));</string,></td><td>1 3</td><td>Object was created successfully</td><td></td></string,<>	HashMap <string, arraylist<string="">> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));</string,>	1 3	Object was created successfully	
		FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);		Object was created successfully	
		"[Sarah]", oplInput05.getPartyCandidates().get("Dem").toString())		true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC5_9b1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates05 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
A	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 OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string,< td=""><td>HashMap<string, arraylist<string="">> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));</string,></td><td></td><td>Object was created successfully</td><td></td></string,<>	HashMap <string, arraylist<string="">> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));</string,>		Object was created successfully	
3		FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);		Object was created successfully	
4		true, oplInput05.getPartyCandidates().containsKey("Grass"))		true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC5_9b2 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates05 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string,< td=""><td>HashMap<string, arraylist<string="">> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));</string,></td><td></td><td>Object was created successfully</td><td></td></string,<>	HashMap <string, arraylist<string="">> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));</string,>		Object was created successfully	
3	,	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);		Object was created successfully	
4		"[Rain]", oplInput05.getPartyCandidates().get("Grass").toString())		true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC5_9c Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates05 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
1100 1100 11 1100 11 1100 1	
Preconditions for Test: A test OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string,< td=""><td>HashMap<string, arraylist<string="">> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));</string,></td><td>, ,</td><td>Object was created successfully</td><td></td></string,<>	HashMap <string, arraylist<string="">> partyCandidates05 = new HashMap<>(); partyCandidates05.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<>(Arrays.asList("Rain")));</string,>	, ,	Object was created successfully	
3	,	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	ľ	Object was created successfully	
4		false, oplInput05.getPartyCandidates().containsKey("Green"));		true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC5_9d Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates05 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
A	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 OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string,< td=""><td>HashMap<string, arraylist<string="">> partyCandidates05 = new HashMap<(); partyCandidates05.put("Dem", new ArrayList<(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<(Arrays.asList("Rain")));</string,></td><td></td><td>Object was created successfully</td><td></td></string,<>	HashMap <string, arraylist<string="">> partyCandidates05 = new HashMap<(); partyCandidates05.put("Dem", new ArrayList<(Arrays.asList("Sarah"))); partyCandidates05.put("Grass", new ArrayList<(Arrays.asList("Rain")));</string,>		Object was created successfully	
3	,	FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);		Object was created successfully	
4	Assert that false is returned when oplInput05.getPartyCandidates().contain sKey("Lib"))		true	true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC6_10a1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates06 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been c	reated

Step #	Test Step Description	Test Data	_ <u> </u>	Actual Result	Notes
1	P				
2	Create a new HashMap <string, ArrayList<string>> partyCandidate06</string></string, 	HashMap <string, arraylist<string="">> partyCandidates06 = new HashMap<>(); partyCandidates06.put("Dem", new ArrayList<>(Arrays.asList("Sarah"))); partyCandidates06.put("Grass", new ArrayList<>(Arrays.asList("Rain")));</string,>	Object Created successfully	Object was created successfully	
	Create a new FileData Object that has a HashMap <string, arraylist<string="">></string,>	FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Object Created successfully	Object was created successfully	
Ι.	Assert that true is returned when oplInput06.getPartyCandidates().containsKey("Dem"))	true, oplInput06.getPartyCandidates().containsKey("Dem"))	true	true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC6_10a2 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates06 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been co	reated

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC6_10b1 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates06 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, ArrayList<string>> partyCandidate06</string></string, 		successfully	Object was created successfully	
3		FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	successfully	Object was created successfully	
4	Assert that true is returned when oplInput06.getPartyCandidates().containsKey("Grass"))		true	true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC6_10b2 Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates06 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been c	created

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC6_10c Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates06 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, ArrayList<string>> partyCandidate06</string></string, 		successfully	Object was created successfully	
3		FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	successfully	Object was created successfully	
4	Assert that false is returned when oplInput06.getPartyCandidates().containsKey("Green"))		true	true	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDPC6_10d Test Description: Assert True that the HashMap <string, arraylist<string="">> partyCandidates06 is correct in FileData</string,>	Name(s) of Testers: Bethany Freeman
	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 OPL FileData type has been c	reated

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new HashMap <string, ArrayList<string>> partyCandidate06</string></string, 		successfully	Object was created successfully	
3		FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	successfully	Object was created successfully	
4	Assert that false is returned when oplInput06.getPartyCandidates().containsKey("Lib"))		true	true	

Project Name: Project 1: Voting System	Team# 02			
Test Stage: Unit _x_ System	Test Date: 03/22/24			
Test Case ID#: FDPV_11a Test Description: Assert True that the ArrayList <arraylist<object>> partyVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman			
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java			
•				
Results: Pass x Fail				
Preconditions for Test: A test OPL FileData type has be	een created			

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

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 03/22/24		
Test Case ID#: FDPV_11b Test Description: Assert True that the ArrayList <arraylist<object>> partyVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java		
Results: Pass x Fail			
Preconditions for Test: A test OPL FileData type has be	een created		

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Create a new FileData Object that has the	FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02)		Object was created successfully	
	Assert that "[[Dem, 750], [Rep, 250]]" is	"[[Dem, 750], [Rep, 250]]",	True	True	

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 03/22/24		
Test Case ID#: FDPV_11c Test Description: Assert True that the ArrayList <arraylist<object>> partyVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java		
Results: Pass x Fail			
Preconditions for Test: A test OPL FileData type has be	een created		

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

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 03/22/24		
Test Case ID#: FDPV_11d Test Description: Assert True that the ArrayList <arraylist<object>> partyVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java		
Results: Pass x Fail			
Preconditions for Test: A test OPL FileData type has be	een created		

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

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 03/22/24		
Test Case ID#: FDPV_11e Test Description: Assert True that the ArrayList <arraylist<object>> partyVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java		
Results: Pass x Fail			
Preconditions for Test: A test OPL FileData type has be	een created		

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

Project Name: Project 1: Voting System	Team# 02		
Test Stage: Unit _x_ System	Test Date: 03/22/24		
Test Case ID#: FDPV_11f Test Description: Assert True that the ArrayList <arraylist<object>> partyVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman		
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java		
Results: Pass x Fail			
Preconditions for Test: A test OPL FileData type has be	een created		

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDCV_12a Test Description: Assert True that the ArrayList <arraylist<object>> candidateVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
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Preconditions for Test: A test CPL FileData type has be	en created

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

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDCV_12b Test Description: Assert True that the ArrayList <arraylist<object>> candidateVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test: A test CPL FileData type has be	en created
1 reconditions for rest. A test of L r nedata type has be	ch cicatcu

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		FileData cplInput02 = new FileData("CPL", 0, 1000, 2, partyCandidates02, partyVotes02, candidateVotes02);	Created	Object was created successfully	
	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	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDCV_12c Test Description: Assert True that the ArrayList <arraylist<object>> candidateVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test: A test CPL FileData type has be	en created
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Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
				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	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDCV_12d Test Description: Assert True that the ArrayList <arraylist<object>> candidateVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has be	een created

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		FileData oplInput04 = new FileData("OPL", 2, 10000, 3, partyCandidates04, partyVotes04, candidateVotes04);	Created	Object was created successfully	
		"[[Sarah, 4500], [Bob, 2000], [Jon, 3500]]", oplInput04.getCandidateVotes().toString()	True	True	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDCV_12e Test Description: Assert True that the ArrayList <arraylist<object>> candidateVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
Preconditions for Test: A test OPL FileData type has be	en created
1 reconditions for fest. At test of L r newata type has be	ch cicaca

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		FileData oplInput05 = new FileData("OPL", 0, 2000, 2, partyCandidates05, partyVotes05, candidateVotes05);	Created	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	

Project Name: Project 1: Voting System	Team# 02
Test Stage: Unit _x_ System	Test Date: 03/22/24
Test Case ID#: FDCV_12f Test Description: Assert True that the ArrayList <arraylist<object>> candidateVotes is correct in FileData</arraylist<object>	Name(s) of Testers: Bethany Freeman
Automated: yes x no	Indicate where are you storing the tests (what file) and the name of the method/functions being used. Project1/src/test/java/FileDataTest.java
Results: Pass x Fail	
D. P. C. T. A. A. CODI ELD ()	
Preconditions for Test: A test OPL FileData type has be	een created

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
		FileData oplInput06 = new FileData("OPL", 10, 2000, 2, partyCandidates06, partyVotes06, candidateVotes06);	Created	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	

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.