

PBI #	4
PBI Description	As an election official, I would like to bring in ballots from multiple balloting locations to run the election so that all ballots for an election are processed together from different polling locations.
Task Description	The parse function parses all input streams for the number of ballots and the ballots themselves
Test ID	test_437_07_importBallotsHeader_05_testMultipleImports
Team Member(s) Responsible	Nikunj Chawla
Inputs	1. Calls to <code>importBallotsHeader</code> with 2, 0, and 6 ballots (as part of one test)
Tests	1. Test that <code>importBallotsHeader</code> sums the ballot counts provided for each call
Outputs	1. None of the aforementioned calls to <code>importBallotsHeader</code> result in an exception being thrown and that <code>numBallots</code> is 8 after the calls
Result (Pass or Fail)	Pass
Date	4/21/21

PBI #	4
PBI Description	As an election official, I would like to bring in ballots from multiple balloting locations to run the election so that all ballots for an election are processed together from different polling locations.
Task Description	The parse function parses all input streams for the number of ballots and the ballots themselves
Test ID	test_438_09_importBallotsHeader_07_testMultipleImports
Team Member(s) Responsible	Nikunj Chawla
Inputs	1. 1. Calls to <code>importBallotsHeader</code> with 2 ballots and 4 seats, 0 ballots and 3 seats, and 6 ballots and 5 seats (as part of one test)

Tests	1. Test that <code>importBallotsHeader</code> sums the ballot counts provided for each call and uses the last number of seats provided
Outputs	2. None of the aforementioned calls to <code>importBallotsHeader</code> result in an exception being thrown, <code>numBallots</code> is 8 after the calls, and <code>numSeats</code> is 5 after the calls
Result (Pass or Fail)	Pass
Date	4/21/21

PBI #	4
PBI Description	As an election official, I would like to bring in ballots from multiple balloting locations to run the election so that all ballots for an election are processed together from different polling locations.
Task Description	The parse function parses all input streams for the number of ballots and the ballots themselves
Test ID	test_439_06_parse_09_testParseMultipleIrFiles
Team Member(s) Responsible	Aaron Kandikatla
Inputs	<ol style="list-style-type: none"> <li>1. Calls the <code>parse</code> method in <code>VotingStreamParser</code> with 3 IR csv files as input.</li> <li>2. <code>ir_multi_part_1.csv</code>: 2 ballots, <code>ir_multi_part_2.csv</code>: 4 ballots, <code>ir_multi_part_3.csv</code>: 3 ballots</li> </ol>
Tests	<ol style="list-style-type: none"> <li>1. Test that after <code>parse</code> is called, the number of candidates is correctly parsed</li> <li>2. Tests that the candidates themselves are correctly parsed</li> <li>3. Tests that ballots from 3 different files are added up</li> <li>4. Tests that all candidates' ballots are parsed and distributed properly</li> </ol>
Outputs	<ol style="list-style-type: none"> <li>1. The call to <code>parse</code> does not throw any exception</li> <li>2. <code>getNumCandidates</code> equals 4</li> <li>3. <code>getCandidates</code> equals Rosen (D), Kleinberg (R), Chou (I), Royce (L)</li> <li>4. <code>getNumBallots</code> equals 9</li> <li>5. The candidates receive the following number of ballots: Rosen - 4, Kleinberg - 2, Chou - 1, Royce - 2</li> </ol>

Result (Pass or Fail)	Pass
Date	4/24/21

PBI #	4
PBI Description	As an election official, I would like to bring in ballots from multiple balloting locations to run the election so that all ballots for an election are processed together from different polling locations.
Task Description	The parse function parses all input streams for the number of ballots and the ballots themselves
Test ID	test_440_06_parse_10_testParseMultipleOplFiles
Team Member(s) Responsible	Aaron Kandikatla
Inputs	<ol style="list-style-type: none"> <li>1. Calls the <code>parse</code> method in <code>VotingStreamParser</code> with 3 OPL csv files as input.</li> <li>2. <code>opl_multi_part_1.csv</code>: 1 ballot, <code>opl_multi_part_2.csv</code>: 5 ballots, <code>opl_multi_part_3.csv</code>: 3 ballots</li> </ol>
Tests	<ol style="list-style-type: none"> <li>1. Test that after <code>parse</code> is called, the number of candidates is correctly parsed</li> <li>2. Tests that the candidates themselves are correctly parsed</li> <li>3. Tests that ballots from 3 different files are added up</li> <li>4. Tests that the number of seats are correctly parsed</li> <li>5. Tests that all parties' ballots are parsed and assigned properly</li> </ol>
Outputs	<ol style="list-style-type: none"> <li>1. The call to <code>parse</code> does not throw any exception</li> <li>2. <code>getNumCandidates</code> equals 6</li> <li>3. <code>getCandidates</code> equals <code>[Pike,D],[Foster,D],[Deutsch,R],[Borg,R],[Jones,R],[Smith,I]</code></li> <li>4. <code>getNumBallots</code> equals 9</li> <li>5. <code>getNumSeats</code> equals 3</li> <li>6. The parties receive the following number of ballots: R - 3, D - 5, I - 1</li> </ol>
Result (Pass or Fail)	Pass
Date	4/24/21

PBI #	4
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PBI Description	As an election official, I would like to bring in ballots from multiple balloting locations to run the election so that all ballots for an election are processed together from different polling locations.
Task Description	The <code>main</code> method can accept multiple files as input and produce accurate audit and report files.
Test ID	test_441_05_main_18_testIrMultipleFiles
Team Member(s) Responsible	Aaron Kandikatla
Inputs	<ol style="list-style-type: none"> <li>1. Calls the <code>main</code> method in VotingSystemRunner with 3 IR csv files as input.</li> <li>2. ir_multi_part_1.csv: 2 ballots, ir_multi_part_2.csv: 4 ballots, ir_multi_part_3.csv: 3 ballots</li> </ol>
Tests	<ol style="list-style-type: none"> <li>1. Test that after <code>main</code> is called, the generated audit and report files match the expected audit and report files exactly</li> </ol>
Outputs	<ol style="list-style-type: none"> <li>1. test_ir_multiple_files_audit_actual.txt matches test_ir_multiple_files_audit_expected.txt</li> <li>2. test_ir_multiple_files_report_actual.txt matches test_ir_multiple_files_report_expected.txt</li> </ol>
Result (Pass or Fail)	Pass
Date	4/24/21

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PBI Description	As an election official, I would like to bring in ballots from multiple balloting locations to run the election so that all ballots for an election are processed together from different polling locations.
Task Description	The <code>main</code> method can accept multiple files as input and produce accurate audit and report files.
Test ID	test_441_05_main_19_testOpIMultipleFiles
Team Member(s) Responsible	Aaron Kandikatla
Inputs	<ol style="list-style-type: none"> <li>1. Calls the <code>main</code> method in VotingSystemRunner with 3 OPL csv files as input.</li> </ol>

	2. opl_multi_part_1.csv: 1 ballot, opl_multi_part_2.csv: 5 ballots, opl_multi_part_3.csv: 3 ballots
Tests	1. Test that after <code>main</code> is called, the generated audit and report files match the expected audit and report files exactly
Outputs	1. test_opl_multiple_files_audit_actual.txt matches test_opl_multiple_files_audit_expected.txt 2. test_opl_multiple_files_report_actual.txt matches test_opl_multiple_files_report_expected.txt
Result (Pass or Fail)	Pass
Date	4/24/21