

The PBI: <b>Bring in multiple election files</b> Task description: <b>Create Unit Tests for confirmation of function</b> Unique testing number: <b>001</b>
Team Member(s) Responsible: Hady Kotifani
Inputs: filename.txt
Tests: that multiple files can be properly brought in
Outputs: filename.txt
<b>Passed</b> or Failed
Date: 04/17/2023

The PBI: <b>Bring in multiple election files</b> Task description: <b>Create Unit Tests for confirmation of function</b> Unique testing number: <b>002</b>
Team Member(s) Responsible: Hady Kotifani
Inputs: filename1.txt filename2.txt
Tests: that multiple files can be properly brought in
Outputs:
<b>Passed</b> or Failed
Date: 04/17/2023

The PBI: <b>Bring in multiple election files</b> Task description: <b>Create Unit Tests for confirmation of function</b> Unique testing number: <b>003</b>
Team Member(s) Responsible: Hady Kotifani
Inputs: filename1.txt filename2.txt filename3.txt
Tests: that multiple files can be properly brought in
Outputs: filename1.txt filename2.txt filename3.txt
<b>Passed</b> or Failed

Date: 04/17/2023
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The PBI: <b>Process In Multiple CPL Headers Correctly</b>
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Task description: <b>Modify Election class to hold an array of Scanner objects</b>
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Unique testing number: <b>004</b>
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Team Member(s) Responsible: Evan Bagwell
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Inputs:
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CPL_Standard.csv
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CPL_Standrad.csv CPL_Standard2.csv
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Tests:
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Check that the appropriate Scanner objects are initialized and are pointing to their respective CPL_Election files
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Check getters and setters
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Bounds check on Scanner array
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Outputs:
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True if tests pass, false otherwise
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<b>Passed</b> or Failed
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Date: 04/18/2023
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The PBI: <b>Process In Multiple CPL Headers Correctly</b>
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Task description: <b>Read header information from one CPL_Election file</b>
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Unique testing number: <b>005</b>
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Team Member(s) Responsible: Evan Bagwell
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Inputs:
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CPL_Standard.csv
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CPL_Standrad.csv CPL_Standard2.csv
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Tests:
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Test that the correct header information is produced in the audit file
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Outputs:
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Header information is displayed on the audit file
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<b>Passed</b> or Failed
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Date: 04/18/2023
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The PBI: <b>Process ballots from multiple CPL_Election files</b> Task description: <b>Create an array of Scanner objects in Main.java for CPL_Election</b> Unique testing number: <b>006</b>
Team Member(s) Responsible: Evan Bagwell
Inputs: CPL_Standard.csv CPL_Standrad.csv CPL_Standard2.csv
Tests: Test that the Scanner objects have been created successfully and point to their respective files when passed to CPL_Election
Outputs: True if test pass, false otherwise
<b>Passed</b> or Failed
Date: 04/18/2023

The PBI: <b>Process ballots from multiple CPL_Election files</b> Task description: <b>Iterate through multiple CPL_Election files to read in ballots</b> Unique testing number: <b>007</b>
Team Member(s) Responsible: Evan Bagwell
Inputs: CPL_Standard.csv CPL_Standrad.csv CPL_Standard2.csv
Tests: Check that the total ballots is correct Check that the total ballots in each file is correct Check that all ballots have been properly initialized in the initial ballots array
Outputs: True if test pass, false otherwise
<b>Passed</b> or Failed
Date: 04/18/2023

The PBI: <b>Process ballots from multiple IR_Election files</b> Task description: <b>Iterate through multiple IR_Election files to read in ballots</b> Unique testing number: <b>008</b>
Team Member(s) Responsible: Tyler Grimm, Hady Kotifani
Inputs: IR_multiFile_header1.csv IR_multiFile_header2.csv
Tests: Check that the total ballots is correct Check that header info, election type, candidate and party names correct Check that the total ballots in each file is correct Check that all ballots have been properly initialized in the initial ballots array
Outputs: True if test pass, false otherwise
<b>Passed</b> or Failed
Date: 04/23/2023

The PBI: <b>Process ballots from multiple IR_Election files</b> Task description: <b>Iterate through multiple IR_Election files to read in ballots</b> Unique testing number: <b>009</b>
Team Member(s) Responsible: Tyler Grimm, Hady Kotifani
Inputs: DoubleDigitCandidates.csv DoubleDigitCandidates.csv
Tests: Check that the total ballots is correct Check that the total ballots in each file is correct Check that all ballots have been properly initialized in the initial ballots array
Outputs: True if test pass, false otherwise
<b>Passed</b> or Failed
Date: 04/23/2023

The PBI: <b>Create a Table displaying progression of IR_Election</b> Task description: <b>Be able to get and set internal IR_Table attributes</b> Unique testing number: <b>010</b>
Team Member(s) Responsible: Evan Bagwell
Inputs: None
Tests: Check that setters work properly Check that getters work properly
Outputs: True if test pass, false otherwise
<b>Passed</b> or Failed
Date: 04/25/2023

The PBI: <b>Create a Table displaying progression of IR_Election</b> Task description: <b>Table initializes with correct format and data</b> Unique testing number: <b>011</b>
Team Member(s) Responsible: Evan Bagwell
Inputs: None
Tests: Check that an IR_Table generates Check that Candidate, Party, Exhausted, Total headers generate properly Check that Candidates and Parties are listed
Outputs: GUI table that is manually checked for accuracy
<b>Passed</b> or Failed
Date: 04/25/2023

The PBI: <b>Create a Table displaying progression of IR_Election</b> Task description: <b>IR_Election round is properly added to the table</b> Unique testing number: <b>012</b>
Team Member(s) Responsible: Evan Bagwell

Inputs: None
Tests: Check that an IR_Table generates Check that Candidate, Party, Exhausted, Total headers generate properly Check that Candidates and Parties are listed Check that vote counts are added for the first round of an IR_Election Check that the total votes are added to the table
Outputs: GUI table that is manually checked for accuracy
<b>Passed</b> or Failed
Date: 04/25/2023

The PBI: <b>Process a PO Election File Header</b> Task description: <b>Create Parser for Election File Header</b> Unique testing number: <b>013</b>
Team Member(s) Responsible: Andrew Guerra
Inputs: None
Tests: Check that a PO_Election file exists Check that the number of ballots in a PO_Election file is correct
Outputs: True if tests pass, false otherwise
<b>Passed</b> or Failed
Date: 04/28/2023

The PBI: <b>Process Multiple PO Election File Headers</b> Task description: <b>Read One Header From a Set of Files</b> Unique testing number: <b>014</b>
Team Member(s) Responsible: Andrew Guerra
Inputs: None
Tests:

<p>Check that a PO_Election file exists</p> <p>Check that the number of ballots in a PO_Election file is correct indicating the first file from a list of files selected</p>
<p>Outputs:</p> <p>True if tests pass, false otherwise</p>
<b>Passed</b> or Failed
Date: 04/28/2023

<p>The PBI: <b>Run a PO Election</b></p> <p>Task description: <b>System tests for integration</b></p> <p>Unique testing number: <b>015</b></p>
Team Member(s) Responsible: Andrew Guerra
<p>Inputs:</p> <p>small-PO.csv</p> <p>large-PO.csv</p>
<p>Tests:</p> <p>Checks for correct output for single and multi-file elections</p> <p>Checks handling of a large PO file</p>
<p>Outputs:</p> <p>True if test pass, false otherwise</p>
<b>Passed</b> or Failed
Date: 04/28/2023

<p>The PBI: <b>Display stats of a PO Election</b></p> <p>Task description: <b>Display election percentages to terminal</b></p> <p>Unique testing number: <b>015</b></p>
Team Member(s) Responsible: Andrew Guerra
<p>Inputs:</p> <p>small-CPL.csv</p>
<p>Tests:</p> <p>Checks that election output matches expected output</p>

Outputs: True if test pass, false otherwise
<b>Passed</b> or Failed
Date: 04/28/2023

The PBI: <b>Process Multiple IR_Election Headers Correctly</b> Task description: <b>Read One Header From Set of Files</b> Unique testing number: <b>017</b>
Team Member(s) Responsible: Andrew Guerra
Inputs: IR_multiFile_header1.csv IR_multiFile_header2.csv DoubleDigitCandidates.csv
Tests:  Checks that files exist and are able to be brought into an CPL_Election Checks that header information is read in correctly Checks that only one file is used to check for election information
Outputs: True if test pass, false otherwise
<b>Passed</b> or Failed
Date: 04/28/2023

The PBI: <b>Process ballots from multiple IR_Election files</b> Task description: <b>Integrate With Rest of Election System</b> Unique testing number: <b>018</b>
Team Member(s) Responsible: Andrew Guerra, Evan Bagwell, Hady Kotifani
Inputs: small-IR.csv small-IR.csv
Tests:  Checks if audit file was created successfully



Checks that files exist and are able to be brought into an IR_Election Checks that header information is read in correctly Check that the total ballots in each file is correct
Outputs: True if test pass, false otherwise
<b>Passed</b> or Failed
Date: 04/28/2023

The PBI: <b>Process ballots from multiple CPL_Election files</b> Task description: <b>Integrate With Rest of Election System</b> Unique testing number: <b>019</b>
Team Member(s) Responsible: Andrew Guerra, Evan Bagwell, Hady Kotifani
Inputs: small-CPL.csv small-CPL.csv
Tests:  Checks if audit file was created successfully Checks that files exist and are able to be brought into an CPL_Election Checks that header information is read in correctly Check that the total ballots in each file is correct
Outputs: True if test pass, false otherwise
<b>Passed</b> or Failed
Date: 04/28/2023

The PBI: <b>Process PO Ballot Election Header</b> Task description: <b>Ensure The header of the election is processed properly</b> Unique testing number: <b>020</b>
Team Member(s) Responsible: Andrew Guerra, Evan Bagwell, Hady Kotifani
Inputs: small-PO.csv

<b>Tests:</b> Manual check to see if the candidate names and party are extracted given the PO election csv format
<b>Outputs:</b> Proper names and corresponding party printed to screen
<b>Passed</b> or Failed
Date: 04/28/2023

The PBI: <b>Process PO Ballot Election Ballots</b> Task description: <b>Ensure The Ballots of the election is processed properly</b> Unique testing number: <b>021</b>
Team Member(s) Responsible: Andrew Guerra, Evan Bagwell, Hady Kotifani
<b>Inputs:</b> small-PO.csv
<b>Tests:</b> Manual check to see if the corresponding percentage of ballots go to their corresponding candidate
<b>Outputs:</b> Proper percentages are printed to screen
<b>Passed</b> or Failed
Date: 04/28/2023

The PBI: <b>Process PO Ballot Election Header for more than one file</b> Task description: <b>Ensure The header of the election is processed properly</b> Unique testing number: <b>022</b>
Team Member(s) Responsible: Andrew Guerra, Evan Bagwell, Hady Kotifani
<b>Inputs:</b> small-PO.csv small-PO.csv
<b>Tests:</b> Manual check to see if the candidate names and party are extracted given the PO

election csv format and two of them
Outputs: Proper names and corresponding party printed to screen
<b>Passed</b> or Failed
Date: 04/28/2023

The PBI: <b>Process PO Ballot Election Ballots</b> Task description: <b>Ensure The Ballots of the election is processed properly</b> Unique testing number: <b>023</b>
Team Member(s) Responsible: Andrew Guerra, Evan Bagwell, Hady Kotifani
Inputs: small-PO.csv small-PO.csv
Tests: Manual check to see if the corresponding percentage of ballots go to their corresponding candidate
Outputs: Proper percentages are printed to screen given more than one file indicating the candidates got their proper
<b>Passed</b> or Failed
Date: 04/28/2023