4.8 Display Results

Name:	Displaying the results
ID	UC_008
Description	After a successful voting system has been conducted, the terminal will display the results of the election to the user. If there was a tiebreaker or popularity vote, the terminal will indicate as such and the outcome.
Actors	Election officials, programmers, testers
Organizational Benefits	Effectively display the results in a clear and concise manner.
Frequency of Use	Runs multiple times during the year at normal election times and special elections. Programmers and testers will use it more often.
Triggers	1. A voting system has successfully been conducted and the final results has been determined 2. The cmd report_election has been input to the prompt
Preconditions	The voting system has declared the winner(s).
Postconditions	Screen displayed the election results with the winner(s).
Main Course	1. In the case of instant runoff, display on the terminal all candidates with their ballots counts. 2. Highlight the majority who had won the election. 3. In the case of a tie, show the elimination of the lowest candidate.
Alternate Course	AC1: Closed Party 1. In the case of a closed-party voting system, display on the terminal all

	parties with their ballots distribution. 2. Display the distribution of seats to parties. 3. Display which candidate from the party got an allocated seat. 4. In the case of a tie, show the tie results and the aftermath. 5. In the case that there are more seats than party members, show the lottery results which party got which seats. AC2: CMD report_election 1. Determine if there's currently an open file (see EX1). 2. If the voting election was an instant run off, go to the Main Course. 3. If the voting election was a Closed Party, go to AC1.
Exceptions	EX1: No opened file. 1. The system tells the user that there is no currently opened file.