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| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 3/11/21 |
| **Test Case ID #:** test\_360\_07\_toString\_01\_testString | **Name(s) of Testers:** Nikunj Chawla |
| **Test Description:**  Tests that toString returns a string in the format “InstantRunoffSystem{candidates=[candidates], numBallots=[numBallots]}”, replacing the bracketed portions with their respective fields |  |
| **Automated:** Yes | **Indicate where you are storing the tests (what file) and the name of the method/functions being used:**  Test file: Project1/src/test/org/team19/InstantRunoffSystemTest.java  Test method: testToString  Method/constructor being tested: toString from Project1/src/main/org/team19/InstantRunoffSystem.java |
| **Results:** Pass |  |
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| **Preconditions for Test:**  There was no issue in adding the example candidates and importing the example ballots header | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Tests that toString returns a string in the format “InstantRunoffSystem{candidates=[candidates], numBallots=[numBallots]}”, replacing the bracketed portions with their respective fields | candidatesLine: "C0 (P0), C1 (P1), C2 (P2), C3 (P3), C4 (P4)"  ballotsHeader: new String[] {“143”} | “InstantRunoffSystem{candidates=[C0 (P0), C1 (P1), C2 (P2), C3 (P3), C4 (P4)], numBallots=143}” | “InstantRunoffSystem{candidates=[C0 (P0), C1 (P1), C2 (P2), C3 (P3), C4 (P4)], numBallots=143}” |  |

**Post condition(s) for Test:**

N/A