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| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 3/11/21 |
| **Test Case ID #:** test\_356\_07\_addBallot\_08\_testAllRanked | **Name(s) of Testers:** Nikunj Chawla |
| **Test Description:**  Tests that a valid ballot line with all of the rankings filled out produces a valid Ballot |  |
| **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: testAddBallot  Method/constructor being tested: addBallot from Project1/src/main/org/team19/InstantRunoffSystem.java |
| **Results:** Pass |  |
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| **Preconditions for Test:**  The parseBallot method was able to get retrieved using Java reflection, and there was no issue in importing the example candidates header and adding the example candidates | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Tests that parsing a line that validly ranks all of the candidates results in a correct Ballot instance | candidates: [  new Candidate(“C0”, “P0”),  new Candidate("C1", "P1"),  new Candidate("C2", "P2"),  new Candidate("C3", "P3"),  new Candidate("C4”, "P4")  ]  numCandidates: 5  ballotLine: "5,2,4,1,3" | new Ballot(1, [  new Candidate(“C3”, “P3”),  new Candidate("C1", "P1"),  new Candidate("C4", "P4"),  new Candidate("C2", "P2"),  new Candidate("C0", "P0")  ]) | new Ballot(1, [  new Candidate(“C3”, “P3”),  new Candidate("C1", "P1"),  new Candidate("C4", "P4"),  new Candidate("C2", "P2"),  new Candidate("C0", "P0")  ]) |  |

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

N/A