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CS 31

Project 1 Report

**Step 5:** The incorrect input I inputted was:

How many registered voters were surveyed? **2**

How many of them say they will vote for Joe? **4**

How many of them say they will vote for Donald? **4**

This resulted in the program concluding:

200.0% say they will vote for Joe.

200.0% say they will vote for Donald.

Donald is predicted to win the election.

This is nonsensical output because you cannot have 200% of voters voting for either/both candidates, which is what I inputted. Additionally, the program concluded Donald is predicted to win the election, even though the percentages are equal, which also doesn’t make logical sense.

**Step 6** (logic error)**:** For this step, I changed the 100.0 for both of the below lines to 10.0, which affected the percentages, making a percentage that should have been 50.0% appear as 5.0%.

double pctJoe = **10.0** \* forJoe / numberSurveyed;

double pctDonald = **10.0** \* forDonald / numberSurveyed;

**Step 7** (compile error)**:** For this step, I changed >> in the first line below to <<. I also removed the semicolon at the end of the second line below. Both of these errors caused the program to fail to compile correctly. For the first line, I received the error message: “invalid operands to binary expression.” The second line’s error message was “expected ; after expression.”

cin **<<** numberSurveyed;

cin >> forJoe