CS 31 Assignment 1

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26 September, 2016

Report on Assignment 1

1. When the number of people voting for Hillary/Donald is larger than the number of registered voters surveyed, the percentage reported will be larger than 100%.
2. When a negative integer is inputted into the number of people voting for Hillary/Donald or into the number of people surveyed (not both at the same time), the percentage reported is negative.
3. When the number of people surveyed is 0, inf% will be displayed on the result.
4. When the number of people voting for Donald and Hillary in the survey is the same, Donald will be predicted to win the election, instead of both having an equal chance.
5. If an integer larger than 2147483647 or smaller than -2147483649 is inputted, the program immediately jumps to the end and produces a nonsensical result.

Errors added:

Compile error:

1. Missing “;” at end of line
2. int forHillary not declared

Logic error:

1. forHillary / numberSurveyed and forDonald / numberSurveyed will be rounded down to nearest integer, making the result incorrect