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CS 31 Project 1 Report

When running the program to produce unusual results for step 5, I inputted 0 for all the questions. This gave me nan% of remainers and nan% of leavers. Additionally, when I inputted 0 for the number of UK citizens that were surveyed and positive integers for the remaining questions, the output was inf% for both the remainders and leavers. These results are unusual and do not make sense.

In logic\_error.cpp, I changed pctRemainers to 100.0 \* numberOfRemainers / numberSurveyed and pctLeavers to 1000.0 \* numberOfLeavers / numberSurveyed. This was able to compile, but when reasonable integers were inputted for all the questions, the percentage of leavers would exceed 100%, which does not make sense and is not possible.

In compile\_error.cpp, I removed a semicolon from int numberOfRemainers. This gave me the error “Expected ';' at end of declaration.” I also changed the spelling of cout to ciut, which produced the error “Use of undeclared identifier 'ciut'; did you mean 'cout'?” Lastly, I changed cout << end1 to cout < end1, which gave me “Reference to overloaded function could not be resolved; did you mean to call it?” These are all typos that could be easily made, and these errors prevented the program from compiling.