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# Step 5 – original.cpp

## Input 1

numberSurveyed = 100; numberOfRemainers = 200; numberOfLeavers = 300  
Nonsensical output: “200.0% are Remainers. 300.0% are Leavers.”

## Input 2

numberSurveyed = 100; numberOfRemainers = 60; numberOfLeavers = -1  
Nonsensical output: “60.0% are Remainers. -1.0% are Leavers.”

## Input 3

numberSurveyed = 0; numberOfRemainers = 200; numberOfLeavers = 300  
Nonsensical output: “inf% are Remainers. Inf% are Leavers.”

## Input 4

numberSurveyed = 100; numberOfRemainers = 50; numberOfLeavers = 50  
Incorrect output: “More people want to Leave than Remain.”

# Step 6 – logic\_error.cpp

Removed the multiplier “100.0” in lines 20 and 21, which calculate pctRemainers and pctLeavers.  
No matter which non-zero inputs for numberSurveyed, numberOfRemainers, and numberOfLeavers are used, the output only consists of the greatest integers below the correct responses. They are also not in percentage terms, now that there isn’t a multiplier of 100.

# Step 7 – compile\_error.cpp

1. Used “string” as the type for numberSurveyed, numberOfRemainers, and numberOfLeavers instead of “int”. Got error “C2677: binary '\*': no global operator found which takes type 'std::string' (or there is no acceptable conversion)”
2. Removed semicolon from the end of line 27. Got error “C2146: syntax error: missing ';' before identifier 'cout'”