Step 5:

When I input 735 into registered voters, 436 into Hillary voters and 168 into Trump voters, the output would be 59.3% for Hillary and 22.9% for Trump. However, the code is also capable of giving nonsensical outputs. For example, if I were to input 794329 into registered voters, 78746295 into Hillary voters and 764793 into Trump voters, the output would be 9913.6% for Hillary and 96.3% for Trump. Another nonsensical output would occur if I were to input negative numbers. For example, I input -752789 into registered voters, 6658245 into Hillary voters and 7863582 into Trump voters and got -884.5% for Hillary and -1044.6% for Trump.

Step 6:

One possible logic error would be to make the resulting percentages integers instead of doubles (Line 20 & 21). This would give the percentages has whole numbers instead, making them less accurate. This is a logic error because even though the program is able to compile, it doesn’t produce the expected output. For example, if I were to input 400 for registered voters, 150 for Hillary voters and 200 for Trump voters, I would get 0% for both Hillary and Trump percentage.

Step 7:

One possible compile error would be to forget to declare the integers numberSurveyed, forHillary and forDonald. I ended up getting a compile error message telling me that they are undeclared identifiers. Another possible compile error would be to use the wrong arrows for cout/cin. When I did this, I got a compile error message saying that no operator “<<” matches the operand cin and vice versa (Line 10 – 15).