report.doc

**Step 5**

Using integer inputs:

* 10 people surveyed
* 5 people approve
* 5 people disapprove

The result was 50% approve, 50% disapprove, and more people disapprove than approve. This is nonsensical because the same number of people approve as disapprove.

**Step 6**

Logic errors were introduced in lines 20 and 21 which make the percent calculations.

In line 20 the asterisk was replaced with a minus sign causing a logic error in the percentage of those in the survey who approved. In a trial with the same inputs from step 5, the output of pctApprove was 100% when it should have been 50%.

In line 21 the factor of 100 was removed causing the result to be a decimal. Since in C++ an integer divided by an integer results in an integer with the decimal removed, the output of pctApprove was 0% when it should have been 50%.

**Step 7**

Compile errors introduced in lines 6 and 8:

Line 6 is missing a semicolon and line 8 declares variable numdisapprove with a lowercase d. The rest of the code uses the variable numDisapprove which is undeclared because C++ is case sensitive.