5. Using the program as given, run it with input integers that cause it to produce incorrect, unusual, or nonsensical output. (Notice we're saying to try input integers, not input like 124765.23 or gary.)

**How many registered voters were surveyed?** 100

**How many of them say they will vote for Hillary?** 234

**How many of them say they will vote for Donald?** 132

**234.0％ say they will vote for Hillary.**

**132.0％ say they will vote for Donald.**

**Hillary is predicted to win the election.**

**Program ended with exit code: 0**

6. Starting from the program as given, introduce into the source code at least one error that someone might make that, while not preventing a successful build, causes the program when it runs to produce incorrect results from reasonable input.

**This is where I introduce some errors**

double pctHillary = 100.0 \* forHillary / numberSurveyed;

double pctDonald = 100.0 \* forDonald / numberSurveyed;

**changing it into**

double pctHillary = 10000.0 \* forDonald / numberSurveyed;

double pctDonald = 100.0 \* forHillary / numberSurveyed;

**which will not prevent the program from successful build, but cause it to produce incorrect results.**

7. Again starting from the program as given, introduce at least two distinct types of mistakes that someone might make, each of which would cause the program to fail to compile correctly.

**This is where I introduce an error**

cout << "How many registered voters were surveyed? ";

**changing it into**

cout << "How many registered voters were surveyed? "

**and the compiler reports: “expected ‘;’ after expression”**

**because every end of a instruction should have a ‘;’**

**This is where I introduce another error**

double pctDonald = 100.0 \* forHillary / numberSurveyed;

**Changing it into**

double pctDoneld = 100.0 \* forDonald / numberSurveyed;

**and the compiler reports at this place where the program are using the variable ‘pctDonald’**

cout << pctDonald << "％ say they will vote for Donald."<<endl;

**the compiler reports: ”use of undeclared identifier ’pctDonald’; did you mean ‘pctDoneld’?”**

**because the variable ‘pctDonald’ is not declared.**