For the original programming file, I deliberately assigned 100 to *numberSurveyed*, 120 to *preferHomeTeam* and 80 to *preferAwayTeam*. These logically wrong numbers never stopped my running this program but generated illogic results that 120.0% of the crowd prefer the home team and 80.0% prefer the away team.

After that, I introduced a logic error by exchanging the positions of *preferHomeTeam* and *numberSurveyed* in the expression “100.0 \* *preferHomeTeam* / *numberSurveyed*” and the positions of *preferAwayTeam* and *numberSurveyed* in the expression “100.0 \* *preferAwayTeam* / *numberSurveyed*”. When I entered 500 for *numberSurveyed*, 200 for *preferHomeTeam* and 300 for *preferAwayTeam*, it turned out that the value of *pctHome* is 250.0% and the value of *pctAway* is 166.6%. Also, there are more people preferring the away team according to the numbers I entered, but in the debugging area, it showed that “The home team is more popular with this crowd”.

As for the compile errors, I introduced one while declaring the integer variables, *numberSurveyed*, *preferHomeTeam* and *preferAwayteam* without commas among them. The compiler stopped me as I tried to run this program and reported this error as “Expected ‘;’ at end of declaration”. However, another way to solve this problem is by adding commas between each two variables. The other compile error that I introduced is typing “>>” after cout instead of “<<”. The compiler reported as “Invalid operands to binary expression (‘ostream’ (aka ‘basic\_ostram <char>’) and ‘const char [40]).