1. The inputs I provided to original.cpp in step 5 are 100 (students were surveyed), 50 (students prefer being at school in person), 50 (would rather do school from home) in sequence. The output is “More students like doing school from home than being at school in person,” which is incorrect output, since the number of students who prefer being at school in person is the same as the number of students who would rather do school from home.

2. The error I introduced into the logic\_error.cpp in step 6 is to change “>” to “<” in line 30. The program built successfully, but its result is unreasonable. In this program, if the number of students who prefer being at school in person is larger than the number of students who would rather do school from home, the program will output “More students like doing school from home than being at school in person.” The result is obviously nonsensical. For instance, if I entered 100 (students were surveyed), 80 (students prefer being at school in person), 20 (would rather do school from home) in sequence, the program will output “More students like doing school from home than being at school in person.”

3. The errors I introduced into the compile\_error.cpp in step 7 are 1) to change “cin >>” to “cin <<” in line 14, which is an invalid expression; 2) to change “likeInPerson” to “likeInperson”, which is a use of undeclared identifier. C++ is sensitive to lowercase and uppercase.