1. the input you provided to the program built from original.cpp in step 5 above that produced incorrect, unusual, or nonsensical output.
   1. Input:
      1. Input 0 for ‘How many people were surveyed? ’.
      2. Input 3 for ‘How many of them prefer basmati rice over jasmine rice? ’.
      3. Input 0 for ‘How many of them prefer jasmine rice over basmati rice? ’.
   2. Nonsensical output obtained respectively:
      1. inf% prefer basmati rice over jasmine rice.
      2. nan% prefer jasmine rice over basmati rice.
      3. More people prefer basmati rice over jasmine rice.
   3. Discussion for the above phenomenon:
      1. The program will attempt to calculate the expression 3/0 and 0/0 above, which will result in a DIV 0 error, since mathematically a number cannot be divided by 0.
2. the error you introduced into logic\_error.cpp
   1. Logic error introduced:
      1. Replace ‘preferBasmati’ in ‘cin >> preferBasmati;’ with ‘preferJasmine’.
      2. Replace ‘preferJasmine’ in ‘cin >> preferJasmine;’ with ‘preferBasmati’.
   2. Phenomenon of such error:
      1. Program compiled successfully.
      2. Program outputs wrong percentage for people who prefer basmati rice & people who prefer jasmine rice.
   3. Discussion:
      1. If programmers are not careful enough checking/testing their code, they will be prone to this mistake since the compiler will not notify programmers logic errors.
3. the two errors you introduced into compile\_error.cpp
   1. Two compile errors introduced:
      1. Removed ‘int numberSurveyed;’ in line 9.
      2. Removed ‘;’ in ‘cin >> preferJasmine; ’ in line 18.
   2. Compiler reported errors:
      1. Use of undeclared identifier 'numberSurveyed'
      2. Expected ';' after expression.
   3. Discussion:
      1. Any variables must be declared before being used.
      2. In C++, a ‘;’ is expected after each expression of code. (In other programming languages that might not be the case)