**Report**

An input that cause the program to produce incorrect output is when “numberSurveyed” is set to “0”. The outputs are “inf” when “numberSurveyed” is 0 and the outputs are “nan” when all of the inputs are 0’s.

For step 6, the logic error is multiplying by 100 instead of 100.0 when caluculating the percentage of voters for each candidate. When all the operands are integers, the result will be an integer. Therefore, if the inputs are:

numberSurveyed = 1000

forCox = 345

forNewsom = 346

Then the outputs will be:

“34.0% say they will vote for Newsom.”

“34.0% say they will vote for Cox.”

while they’re supposed to be:

“34.6% say they will vote for Newsom.”

“34.5% say they will vote for Cox.”

For step 7, the compilation errors that prevent the code to compile are missing semicolon and closing quotation mark.