

**Exercise 80** *As in the previous problem, write an iterative code that will find  $\frac{1}{R}$ . You might think that you will have to divide in your code, but that is not *true*; it depends on the function that you use, again, if at first you do not succeed, try a different function. Simplify the formula so that it does not need division, and then implement the code to find  $1/101$ . You will need to start close to the answer for the method to converge.*

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