

Assignment 2 report

In this assignment we need to use formula solution to solve the problem. First of all, due to the question requirements I use some conditional judgment (if,else) to confirm the number is positive or negative. Otherwise, it may print something like “-0” ,”+0”. In addition, we also need to judge the discriminant is >0 or <0 or $=0$ to make sure how many roots there are. Last but not least, when we finished all the program code, we need to enter several sets of numbers to test whether the program is running properly or not. In this section, I discover that some of the result will have mistake. For instance, it will print out -0.000 or the value of the result is incorrect. As a result, I search on the internet to try to solve the problem and then I find that if I put “+0” in the end of the formula, this kind of question can be solved.