FC General Notes 4

In all tested cases my code is able to either come up with a correct final solution set or discover no solution.
I keep track of the original set of rules by using list2, which will be passed through the parameters as list1 when I have reached the end of the set of rules. This ensures that I can still keep going through the rules looking for the next atom to be added to the solution set. I used 2 lists, the current conclusion set and the conclusion set prior to this run, to find out whether or not to end the run of the program. Each time you go through the list you need to add at least one new atom to the conclusion set, if the conclusion set equals the previous conclusion set then no more atoms can be added.

Limitations:
The code actually does more work the necessary. For example if you already have the final conclusion set, it will go through the rules set one more time to make sure no more atoms can be added.
I was having difficulty returning the final list, so instead the program will just exit upon completion.