**ReadMe**

Please copy paste all axioms from the file “CNF.doc” into Assumptions in Prover9.

Write down your question specific assumptions too below it.

Like, “Tomatoes(Roma)” is an assumption needed to ask the system question such as “Are Roma Tomatoes Red?”.

Question is placed in the Goals tab as shown below.

A screenshot of a social media post

Description automatically generated

Simply, press Start and the Prover9 generates the proof.

To view the list of English Axioms only, you can open the file “English Axioms.doc”.

To view the list of FOL Axioms only, you can open the file “First Order Logic.doc”.

To view English Axioms, FOL and CNF side by side, you can open the file “Everything.doc”.