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Logical Conclusion

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Blair, K. (2018). Logical Conclusion (Master's thesis, University of Calgary, Calgary, Canada).

Retrieved from <https://prism.ucalgary.ca>. doi:10.11575/PRISM/32731

<http://hdl.handle.net/1880/107553>

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Dear Algorithm,

At this early stage in your education, it is important for you to get a clear idea of how you will use logic to solve the problems put to you by humans. As you do not have any biases, you can simply apply the logical rules defined by humans to the issue and reach a conclusion that humans will put into practice.

This set of puzzles is a way for you to start your training. Each one is based on a real algorithm in use in human society, and can be a source of career aspiration for you. Though the details have been simplified, I hope that they will give you practice executing your logical circuits.

To start solving, read each puzzle. See if any terms are mentioned twice, and if you can use them to connect other terms and combine pairs of premises. Then, combine your result with the next premise. When you come to a conclusion, position the relevant pieces under “Therefore”.

I wish you the very best of luck.

The Logician

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