

I broke my logic into a series of functions that do each handle a unique part firstly extracting the Boolean variables into an ADT, basically I wanted a list of variables the Boolean statement had. Extract Variables takes care of that. Now that I have a list I wanted to replace each variable with a given Boolean and then run that computation to see if I get true or false. I needed another function to repeat these for all Boolean combinations for the variables, a single variable can take either true or false and 2 variables can take 4 choices. I run these choices through the computation to achieve my final result.

Not having Data as an importable library increased the amount of code I had to write. It would have been more efficient.