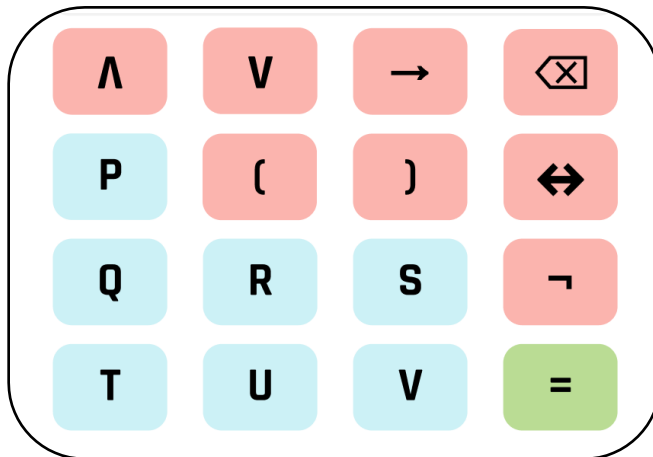INSTRUCTION MANUAL FOR

PROPOLOGI CALCULATOR

I. Input

Figure 1 (Input Buttons)

The program accepts input through the buttons shown in Figure 1. The users are also given a choice to directly type the logic expression in the input box.

In addition, the program has the capability to accept lengthy or complicated the propositions.

Backspace	Biconditional Connective	Open Parenthesis	Open Parenthesis
Conjunction Connective	Disjunction Connective	Negation	Conditional Connective
Propositional Variable	Propositional Variable	Propositional Variable	Propositional Variable
Propositional Variable	Propositional Variable	Propositional Variable	Output

CHARACTER	LOGICAL CONNECTIVE
&	Conjunction
|	Disjunction
>	Conditional
=	Biconditional
~	Negation

Table 1 (Equivalent Logical Connective)

The logical operators cannot be easily typed in through the console and thus these substitutions were made.
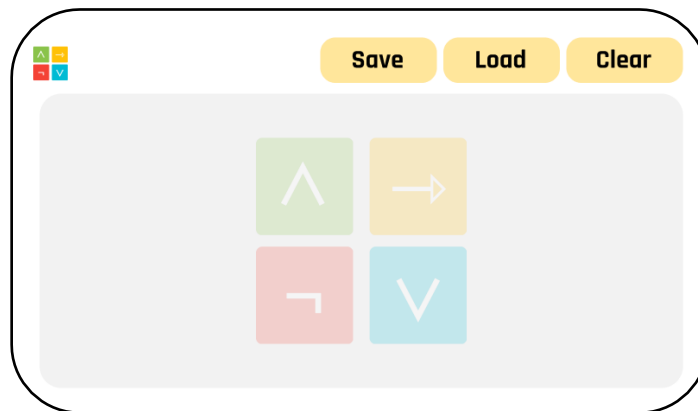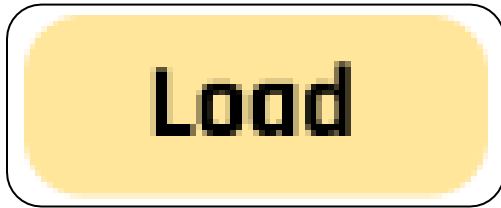
II. Output

Figure 2 (Output Screen)

Figure 2 shows the output screen of the program. It will show the generated truth table for the proposition that the user has inputted. Wherein T is for True while F is for False. The result can also be selected and copied into the clipboard.

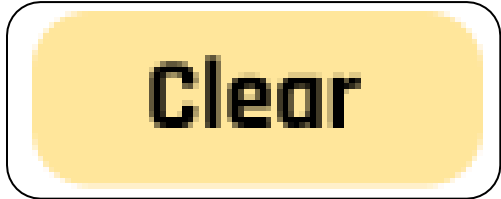## II. Additional Features

Save Function

The save function allows the user to save the logic proposition they entered along with the truth table that was generated by the app.

Load

Load Function

The load function enables the user to open a previously saved or downloaded file that contains a logic proposition and displays it on the output screen.

Clear

Clear Function

The clear function deletes all the text shown in the output screen.