<HL Group>

User's Manual

Version <1.0>

Revision History

Date	Version	Description	Author
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1. Purpose

The purpose of this manual is to provide a solid foundation for users to understand and utilize this program properly. It aims to provide clear instructions, troubleshoot common problems, and offer examples of practical uses.

2. Introduction

Welcome to HL Group's Boolean Logic Simulator in C++! We are so happy you could be here with us. This software is designed to parse and evaluate Boolean expressions like AND, OR, XOR, and much more! Thank you to Kevinh Nguyen, Changwen Gong, Raj Kaura, Riley England, Abdulahi Mohamed, and Kemar Wilson for developing this project!

3. Getting started

To use the Boolean Logic Simulator, follow these steps:

- **Installation**:
  - Download the source code from the Github Respository
    - github.com/KNEternity/348HL
    - Compile the program using a C++ compiler (e.g., g++)
    - Execute the compile file
- **Entering Expressions**:
  - Input your desired Boolean expression when prompted
  - Use valid Boolean operators

4. Advanced features

Boolean Logic Simulator in C++ does not support any advanced features beyond a terminal based user experience.

5. Troubleshooting

This section should provide a list of common problems, if any, that users may encounter, and how to solve them.

6. Examples

This section should provide examples of how to use the software to evaluate different types of arithmetic expressions.

7. Glossary of terms

1. **Boolean Logic**
2. **GitHub Respository**
3. **C++ Compiler**
4. **Order of Evaluation**
5. **Invalid Expression**
6. **Terminal**
7.

8. FAQ

This section should answer frequently asked questions about the software.