User Manual

1.1. Introduction

This program allows users to perform binary addition and multiplication operations using a custom BinNum class. Users can input two binary numbers, choose between addition and multiplication, and view the result in both binary and base 10 formats.

1.2. Executing the Program

Run the program in a compatible C++ environment.
Follow the prompts on the console to input two binary numbers.
Choose between addition and multiplication when prompted.

2. Input

2.1. Input Requirements

Input two binary numbers, each consisting of 4 digits (e.g., 1010, 0110).
For each input, follow the instructions and type the binary number as prompted.

2.2. Performing Operations

After inputting both binary numbers, select whether to add or multiply them.
Type "Add" or "Multiply" when prompted for the operation.

3. Output

The program will display the result of the chosen operation in both binary and base 10 formats.

4. Restarting

After viewing the results, the program will ask if you want to restart.
Type 'Y' to restart and perform additional operations.
Type 'N' to exit the program.