User manual

How to Run the Program

1. Download and launch MARS / Mips assembler
2. Load all 4 files in the same folder into a new Mips program
3. Go to file and select main.asm
4. Click the wrench icon / Assemble
5. Click the green play button or the Go button
6. The program will start in the console window at the bottom

How to Play the Game

1. **Start the Game** - The game displays a welcome message and starts at Level 1 with your score at 0.
2. **Answer the Problem** - You will be given a decimal number or an 8 digit binary number, and you must convert it to the other
3. **Input Rules** - Decimal must be 0-255, and binary must be exactly 8 digits of 0s and 1s only.
4. **Scoring** - Each correct answer earns 10 points, and wrong answers show the correct solution.
5. **Completing the Game** - After finishing all 10 levels, view your final score and choose to play again (1) or exit (0).