Document 2: Quick Start Guide (Part 2)

Title: C6461 Simulator – Part 2 Quick Start

1. Introduction - Quick Start guide for Part 2 is similar to Part 1, with additional GUI fields for cache and OUT display.

2. Running the Simulator 1. Open terminal and navigate to the root directory. 2. Run the simulator:

```
java -jar build/simulator/low-level-simulator.jar
```

3. The GUI includes:
    - Cache display
    - OUT display field
    - Console input field for IO stream

3. Example Programs 1. `data/multiline.txt` - Set PC to octal `000022` - Run program, enter `Hello World!` - Output: Displays text character by character 2. `data/parse_num_999.txt` - Set PC to octal `000016` - Run program, enter number between -999 to 999 - Output: Prints the number based on `TESTNUM` variable 3. `data/program.txt` - Intended for completed Program 1 (Part 2) - Not fully functional yet; detailed steps provided in the file

4. Notes - GUI changes: cache and OUT display added - User can test functionality with provided assembly programs