

Erik Manley

Functional Requirements

- GUI to coach the user through proper user input.
- Effective error handling such that users can't get it wrong.
- Alternative commands that can be used to perform non-instructional functions:
 - Clear - Clears all instructions
 - Undo - Clears the last instruction in the map
 - List - Lists all current instructions
 - Help - lists and explains all valid commands and inputs
 - Readme - displays the readme file
 - Save Instructions - Save their current instructions to a file.
 - Load Instructions - Load current instructions from a file.
 - Save Data - Saves the data map to a file
 - Load Data - Loads the data map from a file
 - Reset Register - Resets the register to blank data
 - Set Register - Sets the register to a specific number
- Support further arithmetic such as powers and roots.

Nonfunctional Requirements

- Make it look pretty