User Instructions

Loading

- Load files which contain .csv files
- Requires: no duplicated file name across different folders.
- Requires: ".csv" must be lowercase
- Input directories, which contains files that you want to load.
- Supports relative directory (using .) and absolute directory.
- Commas are required between Inputted directories.

Commands

- Standard SQL commands:
    - SELECT FROM WHERE*
    - INSERT INTO VALUES
    - DELETE FROM WHERE*
    - UPDATE SET WHERE*
- Commands must be capitalized. * means optional
- Standard SQL syntax/semantics for above commands:
    - Title, value, column names are case sensitive.
    - Number of values and columns provided to UPDATE must match.
    - etc.
- No support for:
    - Use of [']
    - Any title, value, column name with consecutively 2+ spaces. e.g. "Last   Name"
    - Column name with [,]
    - No space in bi-relation. "x>0" must be written as "x > 0" and etc.
    - Greater than written as "> =" or similar separation of style
    - Adding a space after a comma e.g. "a, b" is ["[a],[b]"] not ["[a],[b]"]
    - The use of <, <=, >, >= on any datatype but int.

Quit

- Type "Quit"/"quit" to quit the system

Examples

Loading:

./data-example, ./data-COVID

Commands:
SELECT * FROM example1

SELECT Date, US FROM key-countries WHERE US > 1000000 AND China >
80000 OR China < 1000 ORDER BY US DESC

INSERT INTO example3 (Letter, Word) VALUES (D,Four)

INSERT INTO example3 VALUES (E,Five)

UPDATE example3 SET Letter = G, Word = Seven WHERE Letter = A

DELETE FROM us-states WHERE deaths = 0

DELETE FROM example3