

# SQLite

## Lighter than SQLite!

In this version SQLite can perform aggregate queries. Specifically, COUNT, AVG, and MAX.

### How SQLite performs COUNT?.

COUNT is performed by summing the number of rows in a table excluding the header.

### How SQLite performs AVG?

AVG is performed by summing the values of a column and dividing the total number of rows excluding the header.

### How SQLite performs MAX

MAX is performed by traversing the specified column and returns the largest value in that column.

## Requirements

Python version >= 3.10

## How to use

Run SQLite using standard input.

```
python main.py < PA5_test.sql
```

Run SQLite using editor.

```
python main.py
```