INFI – Protokoll

Datenbanken

Ausgeführt von:

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Inhaltsverzeichnis

1 Wiederholung / Einführung in SQL

1.1 SQL – Basics auf Khanacedemy.org

Difference between MySQL and SQLite:

S.NO.	MySQL	SQLite
1.	Developed by Oracle on May 1995.	Developed By D. Richard Hipp on August 2000.
2.	MySQL is developed in C and C++ languages.	SQLite is developed only in C language.
3.	MySQL requires a database server for its functioning. Hence, it follows client/server architecture.	SQLite does not require a server to run. Hence, it is serverless.
4.	It can handle multiple connections simultaneously.	It can handle only one connection at a time.
5.	It is highly scalable and can handle a large volume of data very efficiently.	It can handle only small set of data if the volume of data increased its performance degrades.
6.	It requires large space in the memory for its functioning (approx 600 Mb).	It requires only some KBs of space as it is very lightweight approx (250Kb-300Kb).
7.	MySQL supports multiple user environment.	SQLite does not support multiple user environment.
8.	It also supports XML format.	It does not supports XML format.

Abbildung 1 - https://www.geeksforgeeks.org/difference-between-mysql-and-sqlite/

1.1.1 Book List Challenge

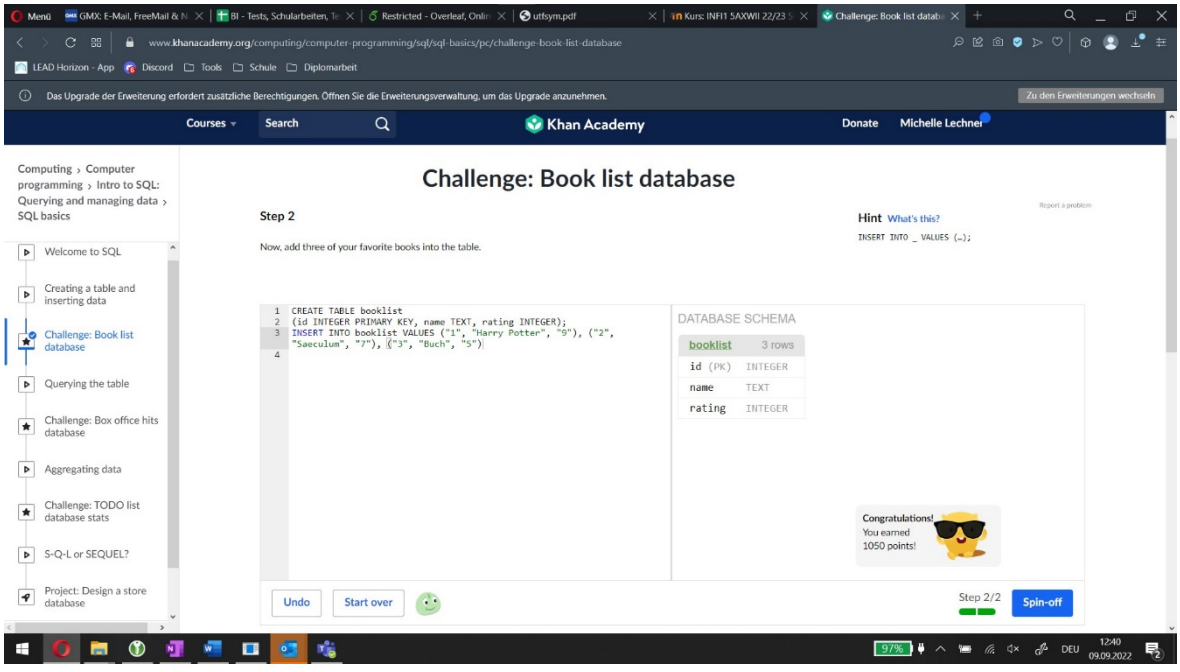

Abbildung 2 - Book List Challenge

1.1.2 Box Office

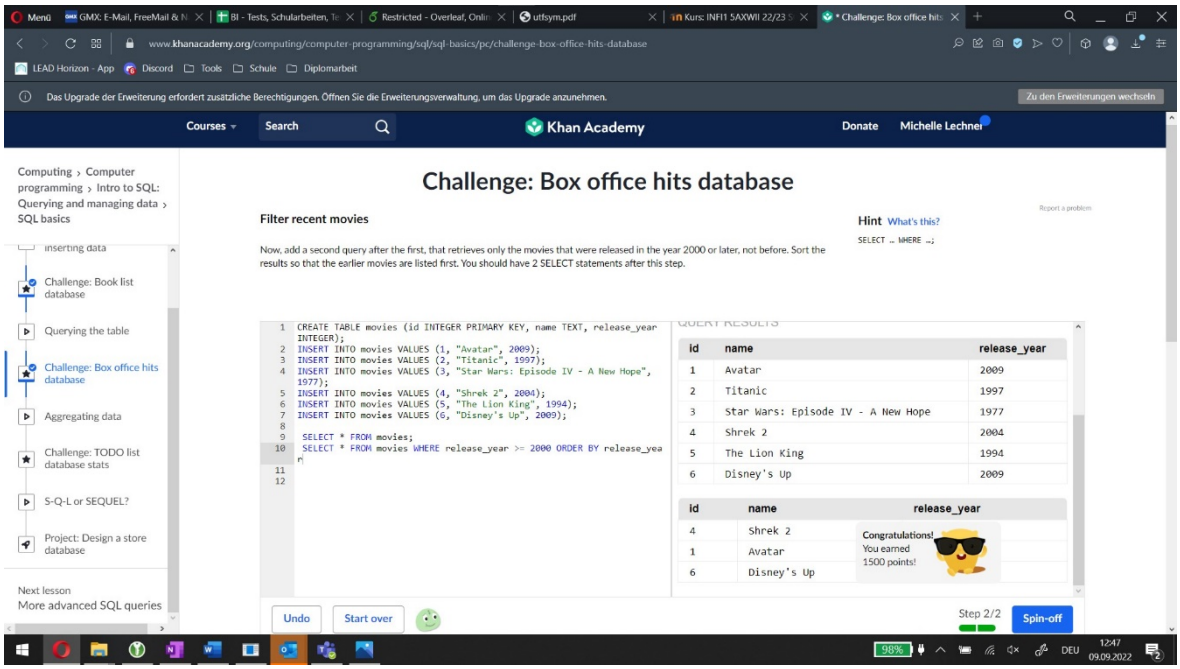

Abbildung 3 - Box Office

1.1.3 ToDo - List

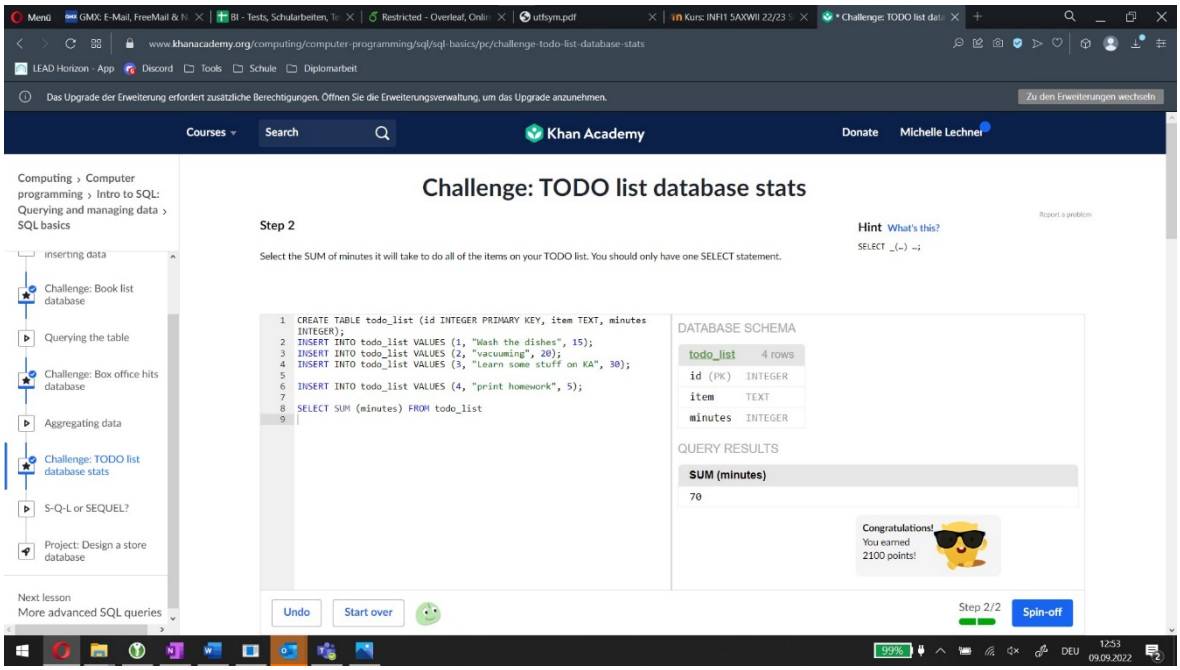

Abbildung 4 - ToDo-List

1.1.4 Projekt: Design a store database

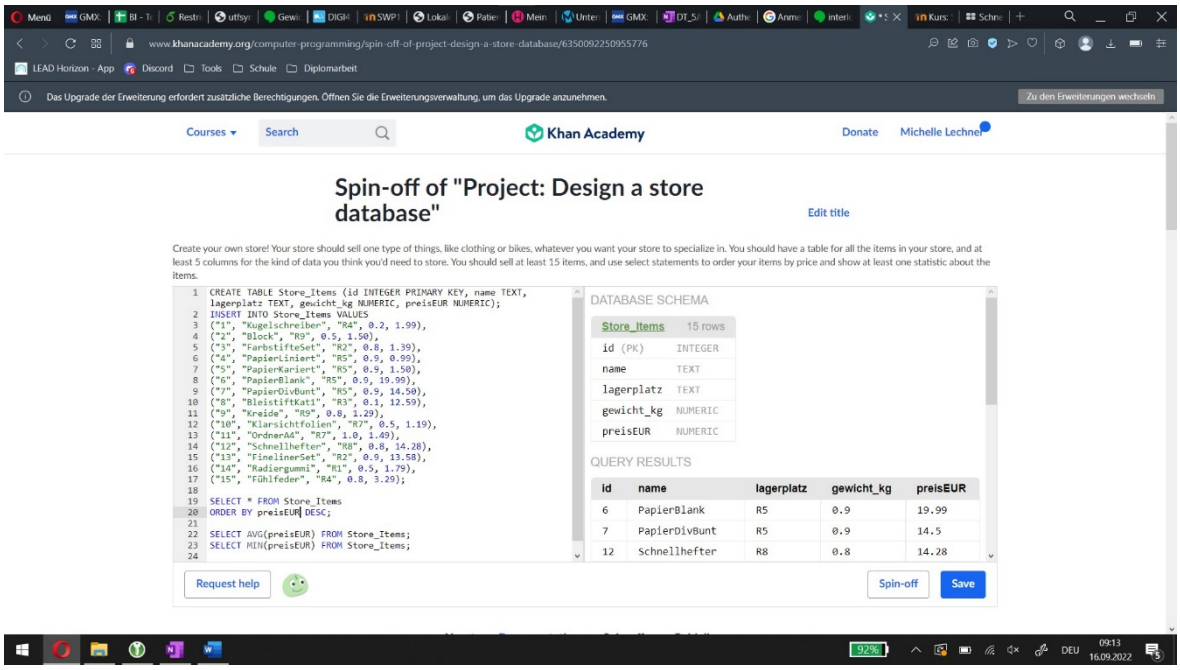

Abbildung 5 - Projekt: Design a store database - Screensh.1

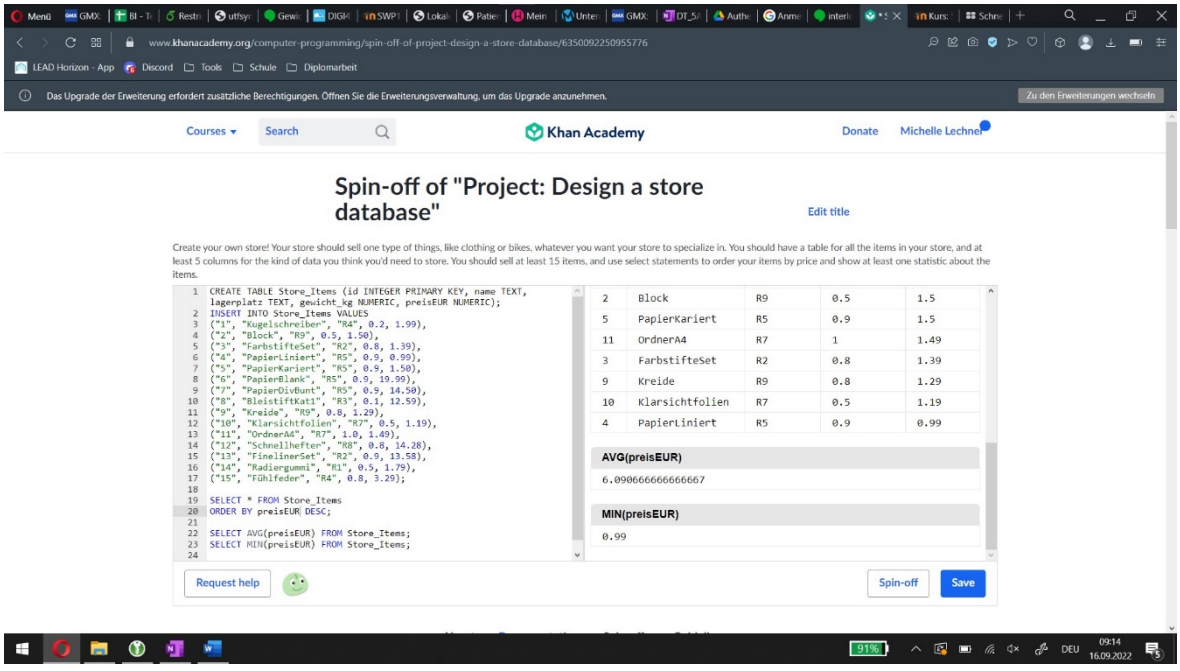

Abbildung 6 - Projekt: Design a store database - Screensh.2

1.2 Komplexe Abfragen mit AND/ OR

1.2.1 Karaoke song selector

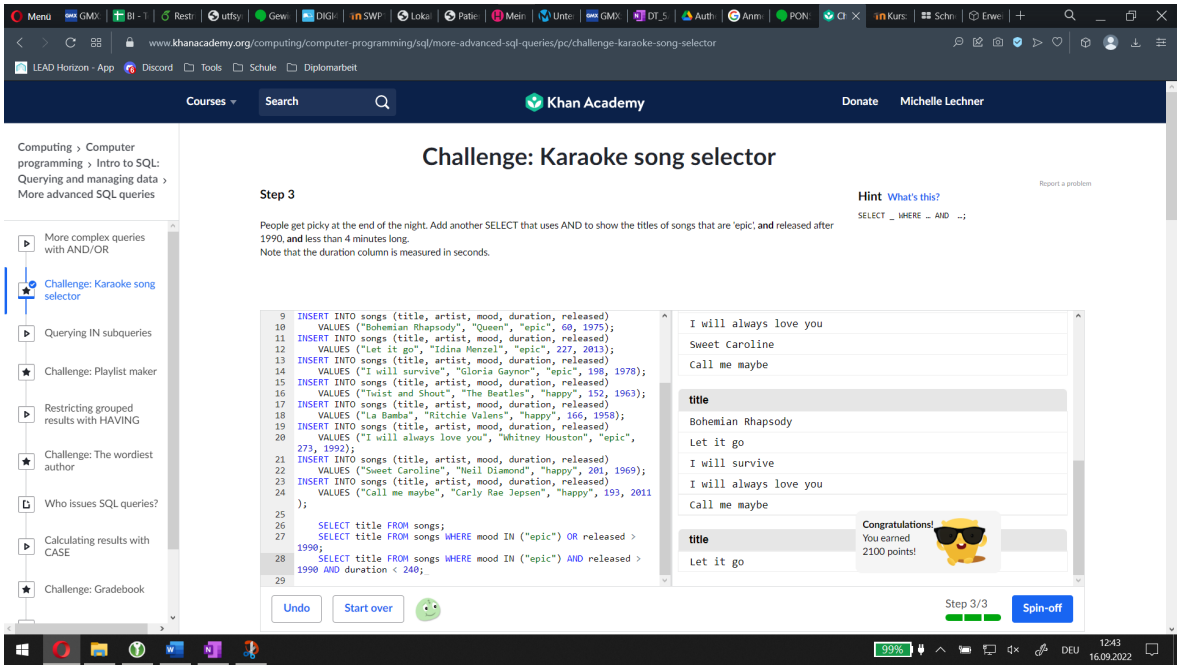

Abbildung 7 - Karaoke song selector

1.2.2 Playlist maker

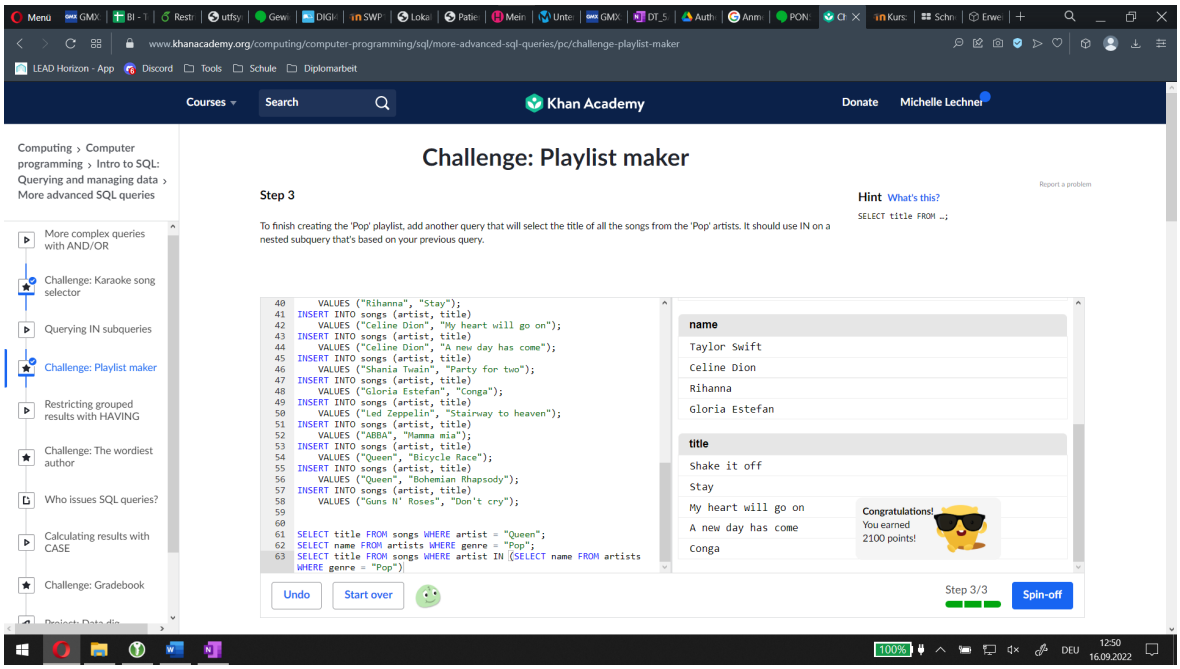

Abbildung 8 - Playlist maker

1.2.3 The wordiest Author

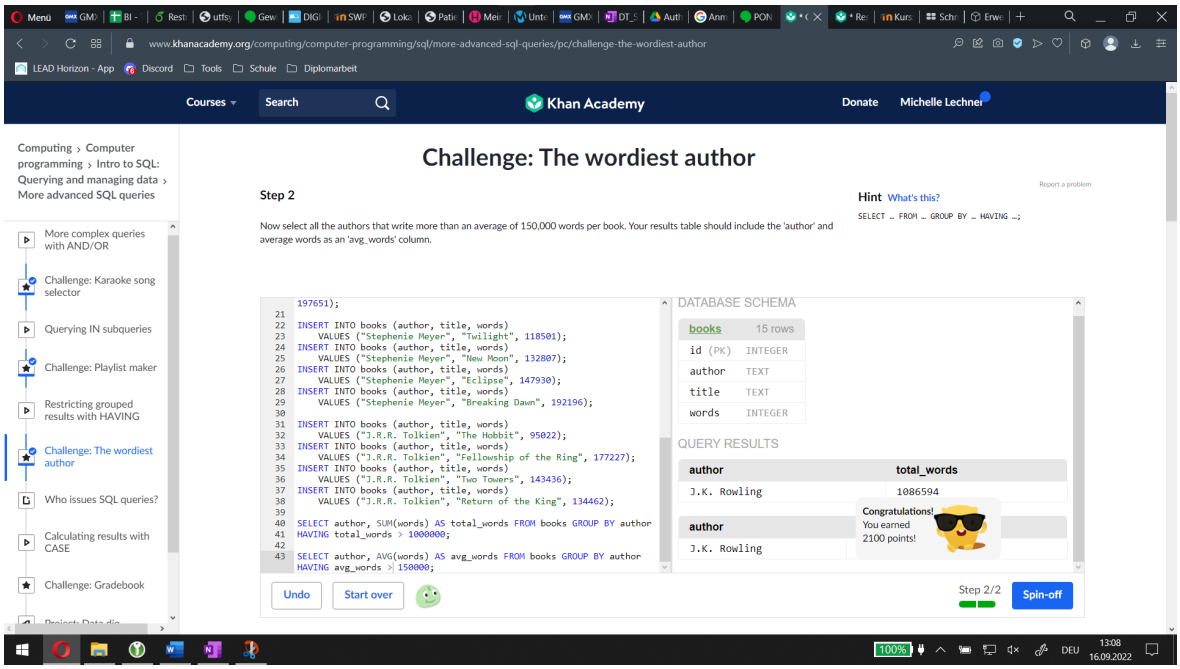

Abbildung 9 - The wordiest author

1.2.4 Gradebook

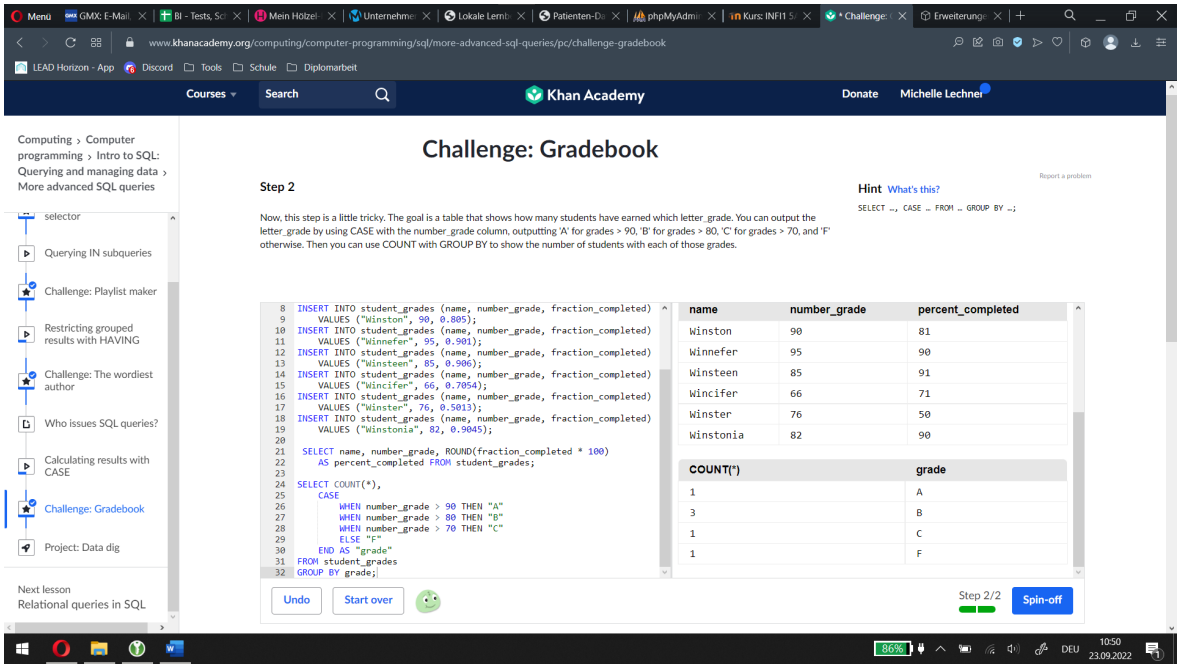

Abbildung 10 - Gradebook

2 SQLite Browser

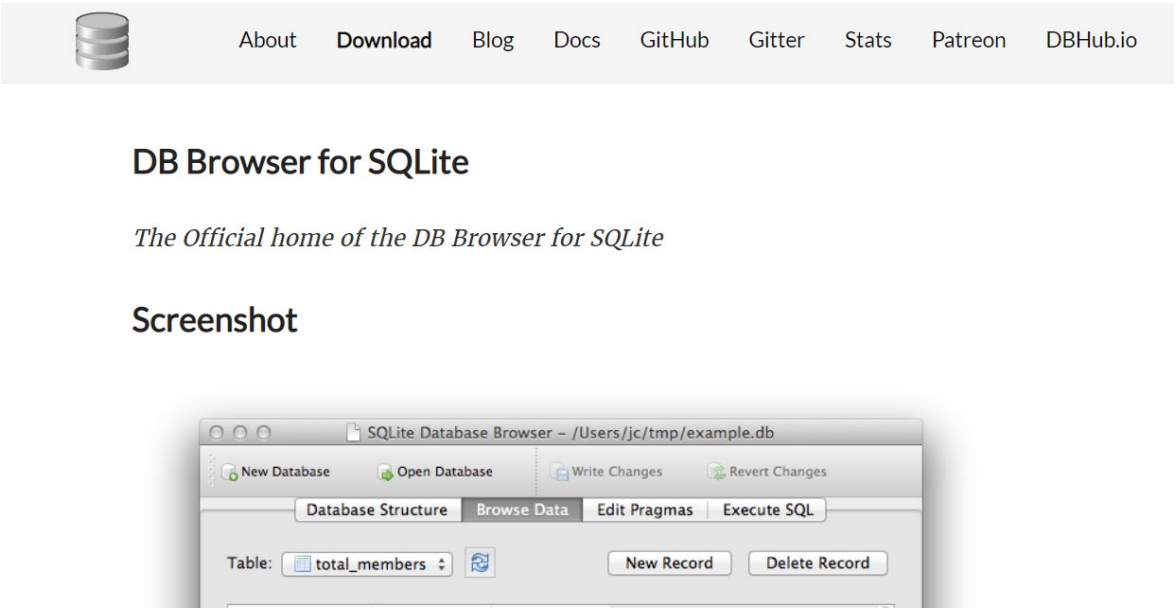

Abbildung 11 - https://sqlitebrowser.org/

2.1 Import der Daten

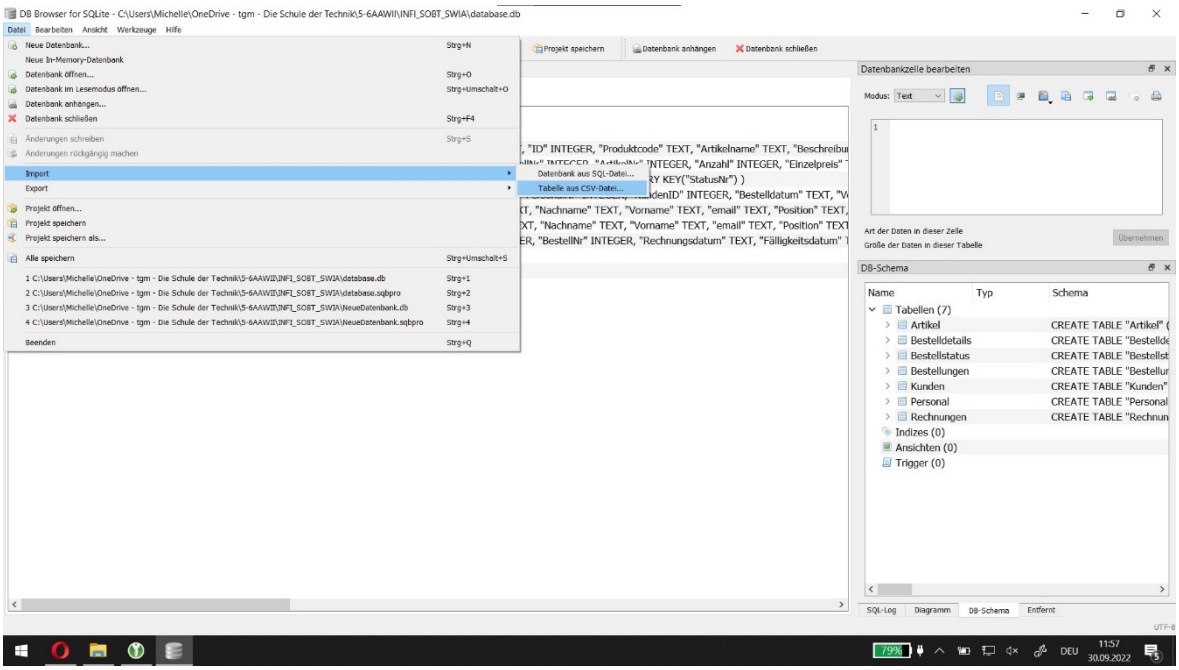

Abbildung 12 - Import Step 1

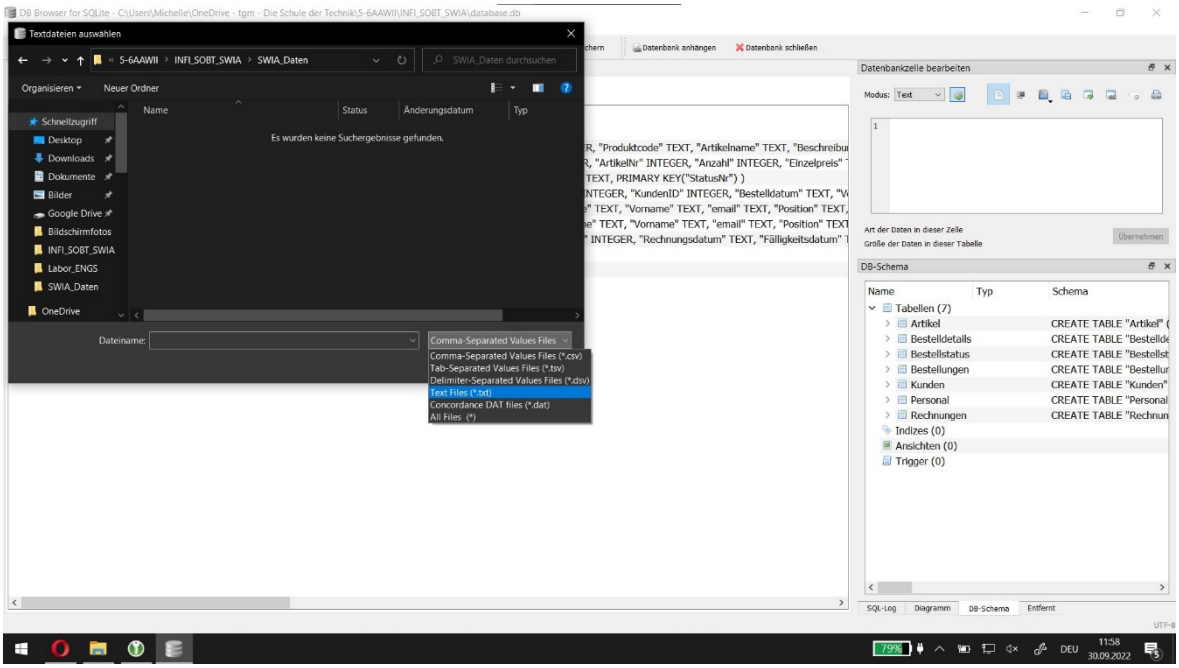

Abbildung 13 - Import Step 2

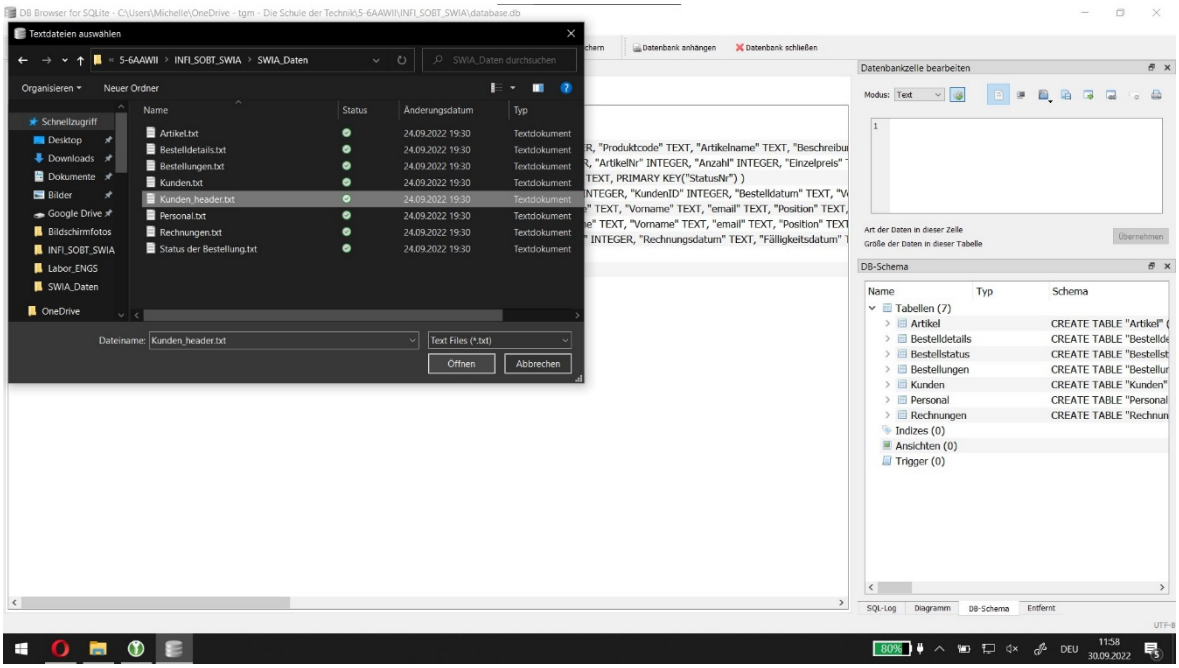

Abbildung 14 - Import Step 3

Abbildungsverzeichnis

Tabellenverzeichnis

Es konnten keine Einträge für ein Abbildungsverzeichnis gefunden werden.

Literaturverzeichnis

Im aktuellen Dokument sind keine Quellen vorhanden.

Anhang