Case Study – Creating and Modifying Tables

Welcome to Books & Books! We are now ready to have our first test as a SQL developer at the company.

We need to model and create the information about the Books and Books brick&mortar stores. This will be a really important step for the company because it’s the first time they will have their stores data saved into a database. Let’s start!

If you don’t have the books\_db loaded into MySQL, return to 2-Basic Querying / Case Study / books\_db.sql and make sure you run the code before attempting this case study.

[🔥 – Exercises that may have not been covered throughout the lectures and may require some research/google searches!](https://emojipedia.org/fire/)

**Exercise 1 – Create a table named stores in the books & books database. The table should have the following columns:**

* **store\_id that is a auto incremented integer primary key.**
* **a not null store\_name a varchar(30).**
* **capacity, a tinyint column.**

**Exercise 2 - Change the type of the capacity column to smallint.**

**Exercise 3 – Insert a new store named “Booksy” with a capacity of 500 in the stores table.**

**Exercise 4 – Insert two new stores with names “Pagey” and “Leaflet” with a capacity of 200 and 250, respectively.**

[🔥](https://emojipedia.org/fire/) **Exercise 5 – Set the SQL safe Updates clause to 0.**

[🔥](https://emojipedia.org/fire/) **Exercise 6 – Delete the “Leaflet” and “Booksy” stores from the store table with a single SQL instruction.**

**Exercise 7 - Insert a new store named “Library” with capacity 2000 on the stores table.**

**Exercise 8 - Change the capacity column name to book\_capacity.**

**Exercise 9 - Add a region column to the stores table. This column should be a varchar(100).**