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C H A P T E R 2

Environment Setup

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AGENDA

- Install DB Browser for SQLite

- Load our first database locally

- Execute our first SQL query

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Install DB Browser for SQLite

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DB Browser for SQLite

- A software to create, modify, search, and

  query on a SQLite database

- Download link -

  https://sqlitebrowser.org/dl/

- Use 64 bit and "no installer" version for

  Windows

- We'll mainly use the software for opening a
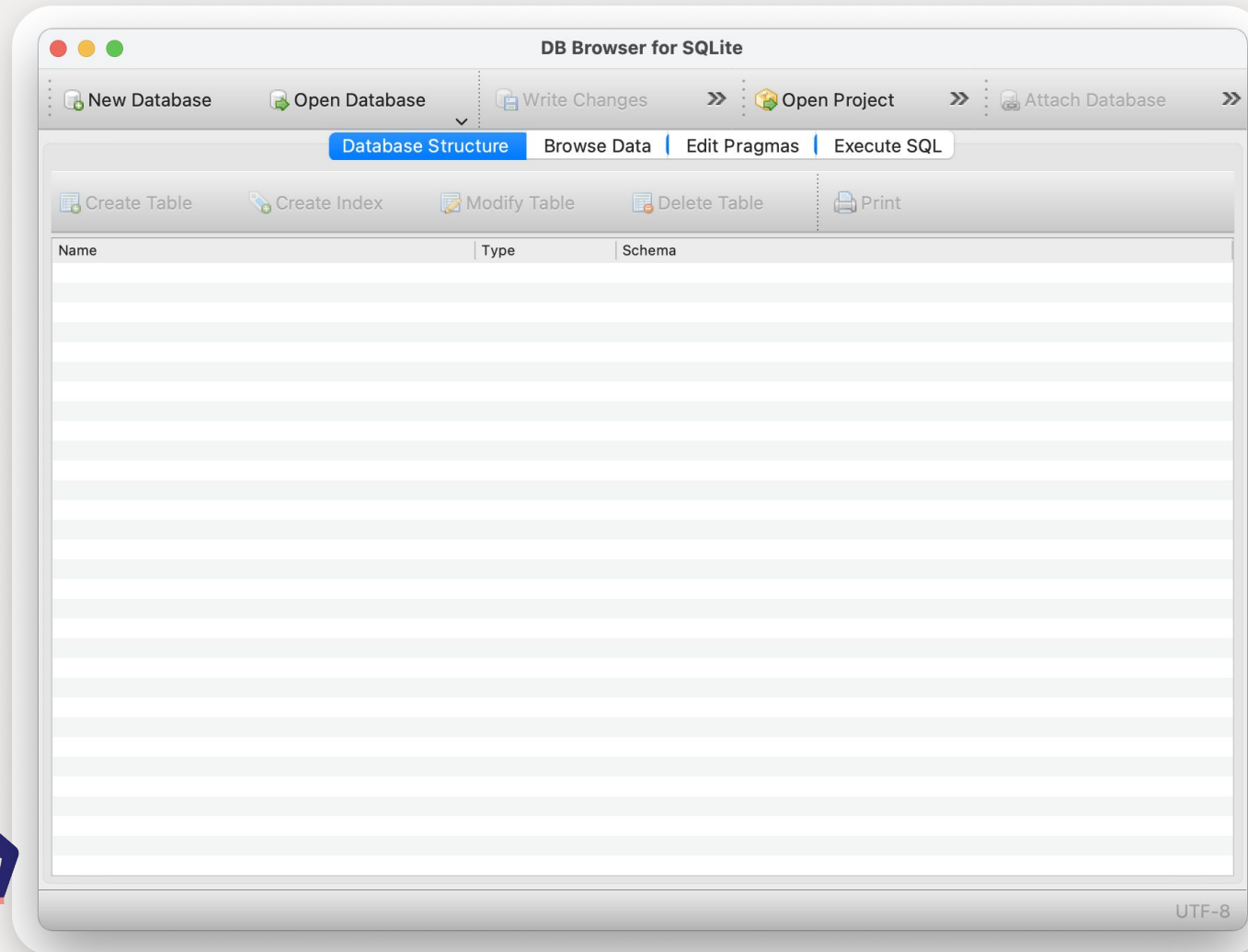
  database and making queries

Downloads

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Windows

Our latest release (3.12.2) for Windows:

- DB Browser for SQLite – Standard installer for 32–bit Windows
- DB Browser for SQLite – .zip (no installer) for 32–bit Windows
- DB Browser for SQLite – Standard installer for 64–bit Windows
- DB Browser for SQLite – .zip (no installer) for 64–bit Windows

DB Browser for SQLite

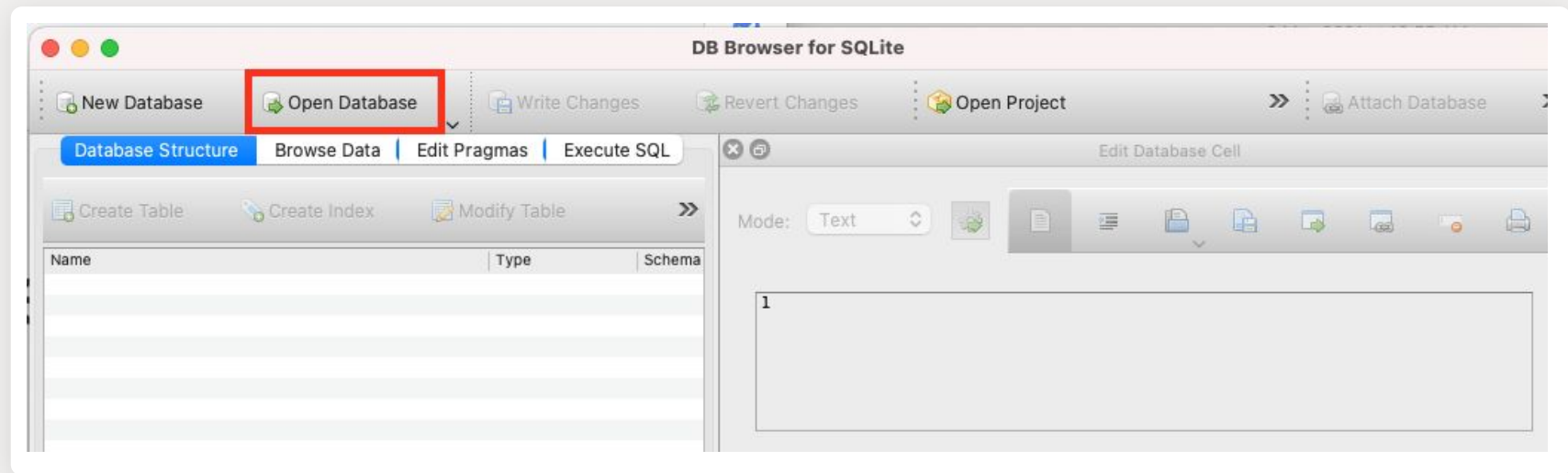# Load our First Database

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Movies Database

- From your Assignment page, please download and unzip the file - movies.zip

- You should have a folder called "movies"

- Inside the folder there should have a file called "movies.db"

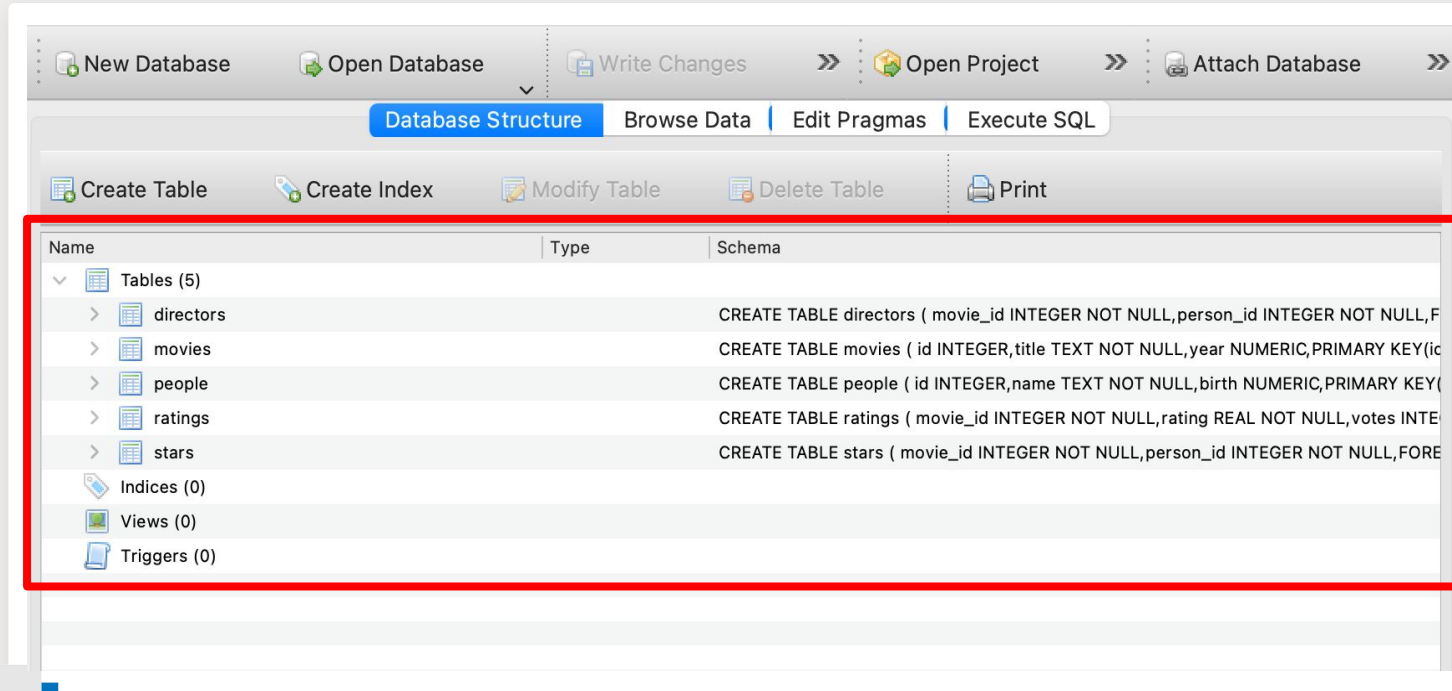- This is the file we will mainly work on throughout this course

Movies Database

- Click the button "Open Database"

- Select and open the file "movies.db" which you've just unzipped

- You should see there are 5 tables inside this movies database
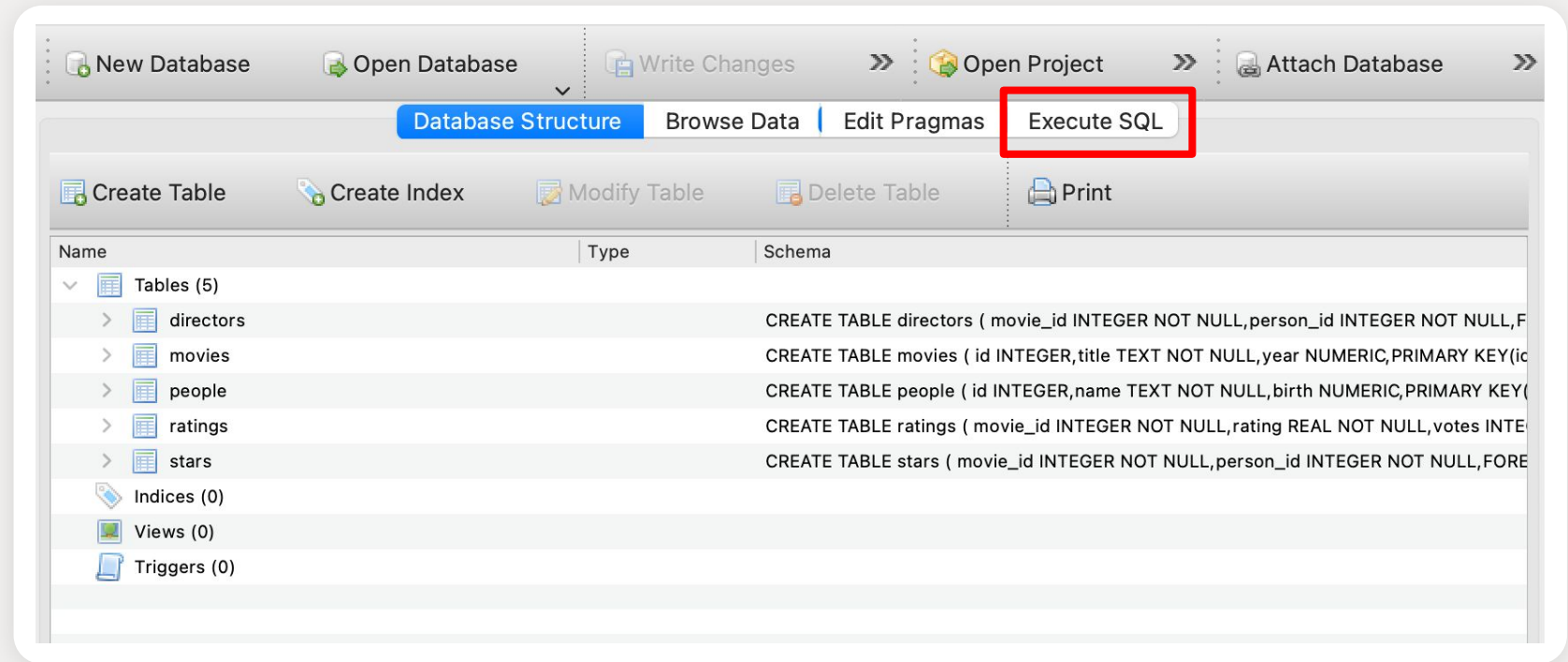
Movies Database

Execute Our First SQL Query

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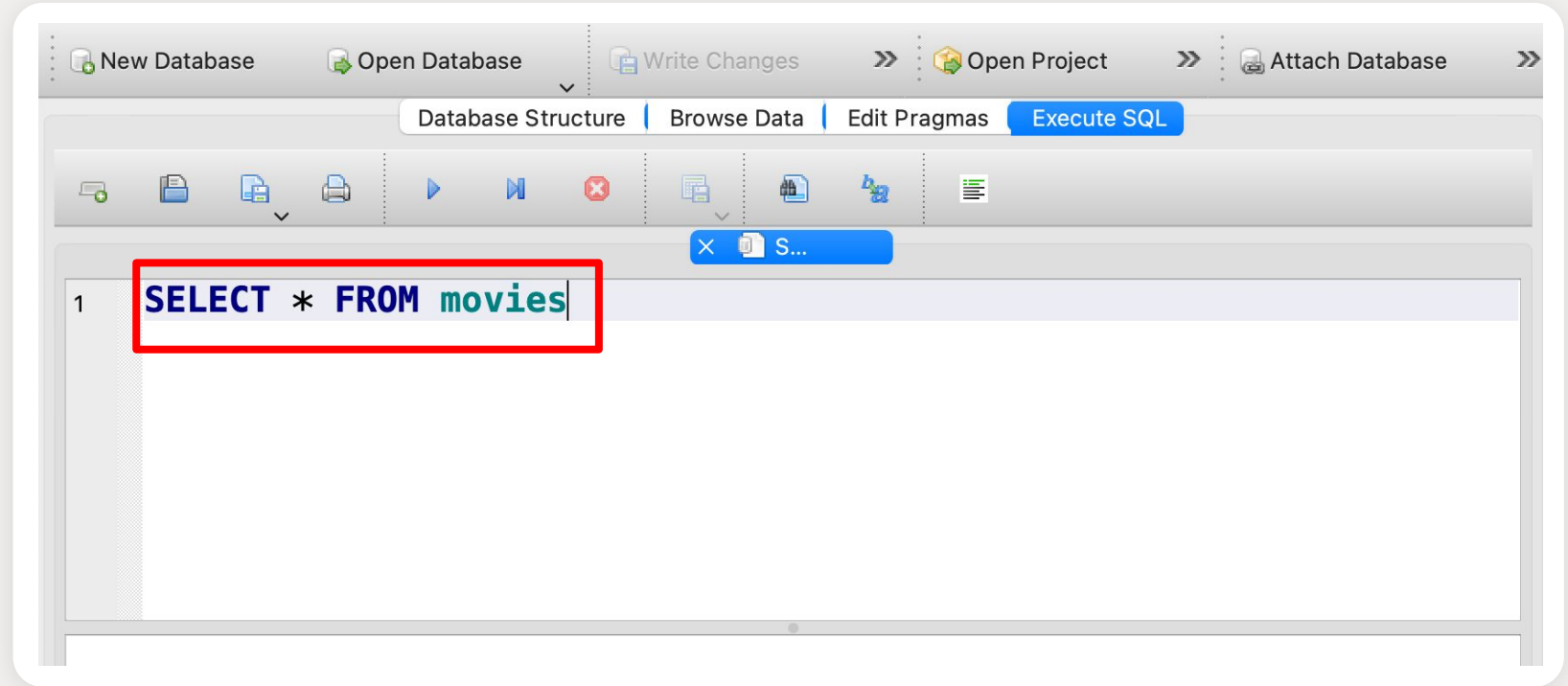# Step 1: "Execute SQL" Tab

Click the tab "Execute SQL"

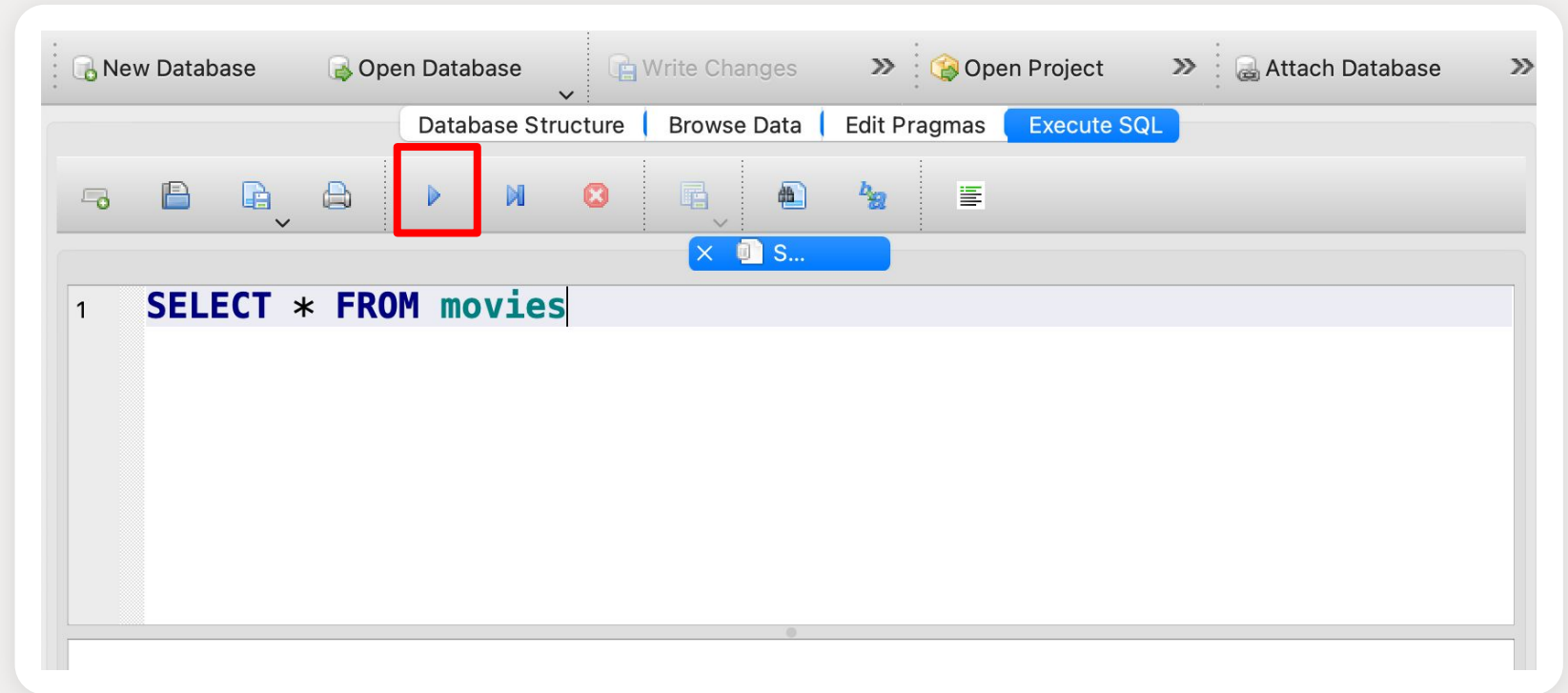# Step 2: Type in the SQL Query

Input the SQL query in the box.
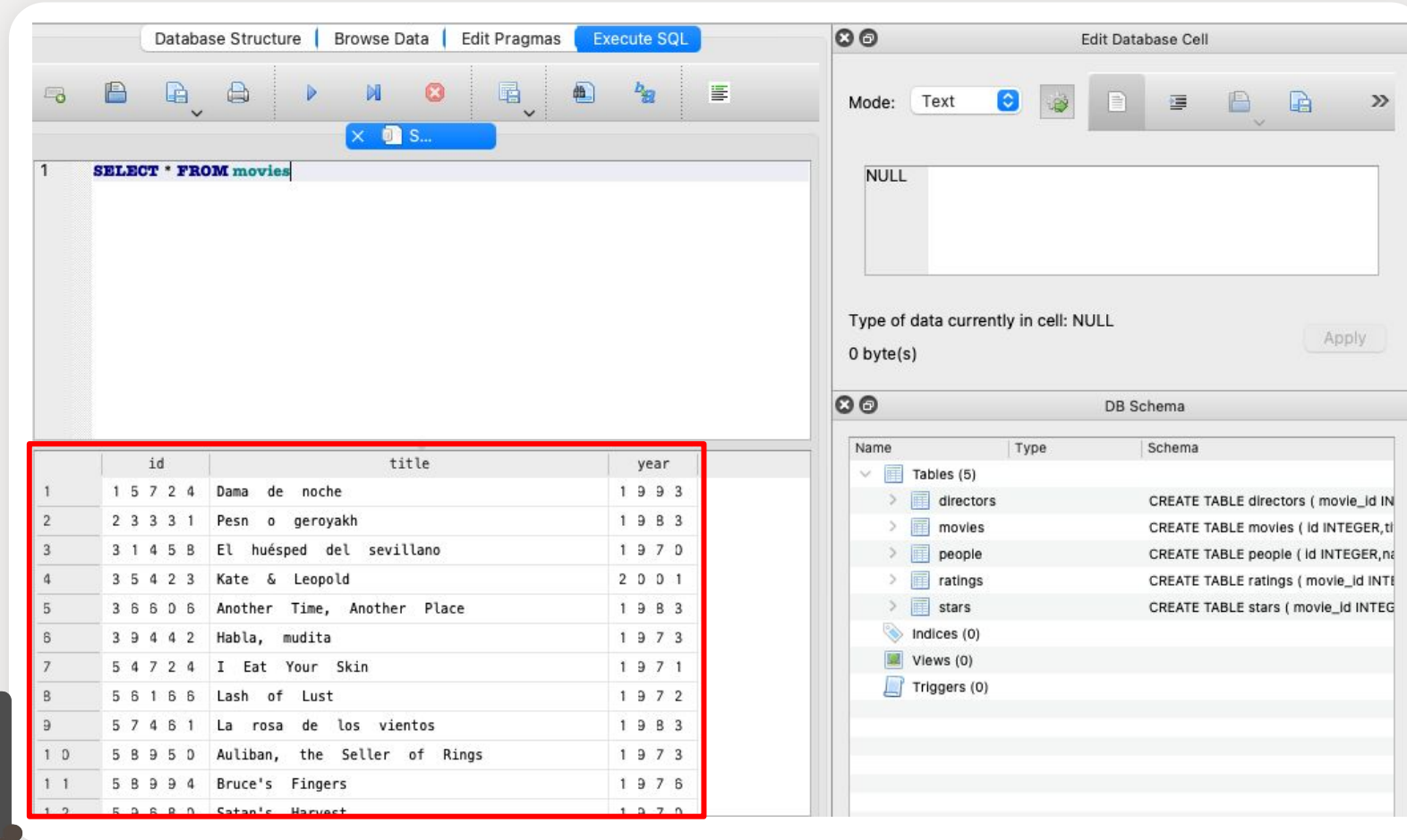
You may try the below query:

`SELECT * FROM movies`

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Step 3: Click the Run Button

Click the Run button

Step 4: Voila! Check the Results

But what we just did?

- We just listed out all the movies from the movie database

- We'll go through the syntax (or meaning) of writing SQL queries in coming lectures.

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