

Exercises

Summary

Build a system based on previous work which uses an H2 in-memory database for storage following the lecture notes.

Step 1

Follow through the lecture and build the demoed code. We will need this again, so be sure to do it! Preferably, NOW, while you can get help!!! 😊

Step 2

If you're interested, create a data.sql file in the same place as your schema.sql file, and copy and paste the following line into it:

```
INSERT INTO student(name) VALUES
  ('Sally'),
  ('Harminder'),
  ('Sue'),
  ('Jaspreet');
```

A data.sql is usually used to populate our database with any information we know we will require – at startup! Just like a schema.sql, but for info rather than structure!

Explore the H2 console! If you type an SQL command to UPDATE or DELETE WHERE ... something in a semi-populated database here, then re-load <http://localhost:8080/> in a separate tab, does it reflect the modification in real time?

Restart your Spring Boot app. Same thing?

Take a screenshot of your H2 console Student table and be sure it shows a few rows worth of student info inside, then submit your screenshot in SLATE here.