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Database HW 2
Due 9/19/24

Steps to import the university sample database from the textbook website:

1. From the canvas page go to: https://db-book.com/, the textbook website that has sample files for the database.
2. Click the link to "Sample tables" under "Laboratory Materials", which will take you to this website: https://db-book.com/university-lab-dir/sample_tables-dir/index.html.
3. Click the first link called "DDL" to download the SQL file for creating and defining the relations.
4. Click the link on the third bullet point called "SQL code for creating large relations" to download the file which contains the SQL commands for inserting the sample data into each relation.
5. Move both files into the repo directory named "username_CS345Fall24".
6. In a terminal window, cd into the same repo directory and connect to the postgres server.
7. Run the following command to create the database: `CREATE DATABASE username_university`.
8. After the database is created, use the following command to connect to the database: `\c username_university`
9. Once connected, run the following command to import the file that defines the tables: `\i DDL.sql`. This does not yet add any data, just creates relations and constraints.
10. To add all the sample data into each relation, run the following command: `\i LargeRelationsInsertFile.sql`. This will take a few minutes because there is a large amount of data to add into the relations.