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CS 325 - Fall 2018
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Names and descriptions of all code files:
- 325design.sql: Creates the tables in the database. Contains all drop table and create table statements.
- 325populate.sql: Populates the tables in the database. Contains all delete and insert statements to create rows in the tables, as well as the sequences used to generate primary keys for rows.
- 325queries.sql: Runs sample queries used to demonstrate use of the database. Contains select statements used to query the database.
- 325report1.sql: Runs a sample report used to demonstrate use of the database. Contains a select statement query with formatting to make it human-readable.
- 325report2.sql: Runs a different sample report used to demonstrate use of the database. Contains a select statement query with formatting to make it human-readable.
- 325report3.sql: Runs a different sample report used to demonstrate use of the database. Contains a select statement query with formatting to make it human-readable.
- 325show-contents.sql: Displays the contents of all the tables in the database once they have been created.

Instructions to set up and use the database:
- Log into nrs-projects (or whatever ssh you wish to use with sqlplus).
- Navigate to the directory containing the above files:
  `cd directory_name` (replacing directory_name with the name of **your** directory)
- Log into sqlplus: type `sqlplus` and hit enter.
    - Enter your username and password.
    - You will now see the SQL*Plus prompt: `SQL>`
- Create the database:
    - Enter `start 325design.sql` at the prompt.
- Populate the database:
    - Enter `start 325populate.sql` at the prompt.
    - Then enter `start 325populate.sql` **a second time.** This is necessary to properly populate the tables with correct sequence values.
- Use the database:
    - To view the contents of all the tables you've just populated, enter
      `start 325show-contents.sql`
    - To run the sample queries, enter
      `start 325queries.sql`

- To run the sample reports, enter any of the following:
  - `start 325report1.sql`
  - `start 325report2.sql`
  - `start 325report3.sql`
- To exit sqlplus, type `exit`