Some hints for the milestone 3

- **Betawebpage**
  - You need to sign in VPN.
  - You need to put xx.html into public_html folder and type
    http://betaweb.csug.rochester.edu/~urid/xx.html
- **Write create.sql, load.sql, data file (.dat, .csv)**
  - You need to have create.sql to create the tables and relations for your data structure.
  - You need to have data file (dummy or real).
  - You need to have load.sql to load the data in the data file to sql (to tables created in create.sql)
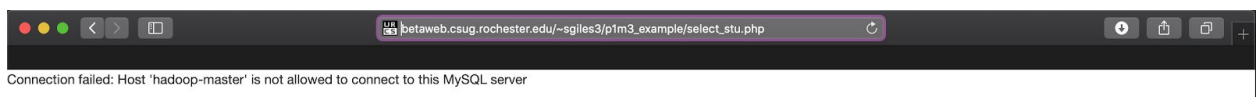- **Run create.sql, load.sql to build your database**
  - In mysql shell you can type:
    mysql> show databases;

    Output:
    ```
    +-------------------+
    | Database          |
    +-------------------+
    | information_schema |
    | your_db_name      |
    +-------------------+
    ```

  - Then choose a database, you type:
    mysql> use your_db_name;
  - Call the sql files to build your database, you type:
    mysql> source /path/to/create.sql;
    mysql> source /path/to/load.sql;

- Some students get error message like this, when running the example code:

Connection failed: Host 'hadoop-master' is not allowed to connect to this MySQL server

You need to config the db_setup.php as follows:
    $servername = "localhost";
    $username = "xxx"(your mysql username);

$password = "xxx"(your mysql passwd);   (PS: sent by labstuff)

Also remember to change the database name to your_db_name, e.g.,
   $sql = "USE your_db_name;";
   (Originally, it was $sql = "USE some_database;";)

- **How to link your webpage (html) with database**
  - We gave you one example code already. Go to your home directory of your betaweb account and type:
    cp ~csc261/proj3/p1m3_example   .
    Then you should be able to see e.g. add_stu.html and add_stu.php. Those two files will tell you how to update your database by clicking your webpage.

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