Chapter 1

Overview of the System

I am writing this application using django web framework. The files can be found at "/hiphopathy"

1. Start the MYSQL server

2. Open terminal and navigate to "/hiphopathy/mysite_hiphopathy/". In that folder, you should see four files:

   `hiphopathy manage.py mysite thefullmodels.py`

3. Type in the follow command in terminal

   `python manage.py runserver`

4. Navigate to the hiphopathy app, http://127.0.0.1:8000/hiphopathy/

5. For the admin view, navigate to http://127.0.0.1:8000/admin/
   username: hiphopathy_user
   password: roger5bacon

6. to get to the database through MYSQL, type the following in terminal and give the password

   `mysql -u root -p hiphopathy`
   `password: root`

The university offers several resources to help you learn python, Django framework and SQL. One particular resource that I use is the O'Rielly series book which is available to all UC Berkeley students through the engineering library SafariTech subscription. http://www.lib.berkeley.edu/ENGI/ebooks.html.

Setting up your Database   The database that we have so far is called hiphopathy.sql.
To restore this database on your computer, do the following commands. If you are setting
up your system for the first time, skip step number 2.

1. Start the monitor as the root user:

   ```
   $ mysql --user=root --password=root
   ```

2. Now, drop the existing hiphopathy database:

   ```
   mysql> DROP DATABASE hiphopathy;
   ```

3. and create a new (empty) database with the same name:

   ```
   mysql> CREATE DATABASE hiphopathy;
   ```

4. Then select the hiphopathy database as the active database:

   ```
   mysql> USE hiphopathy;
   ```

5. Now you can restore the data by reading in the hiphopathy.sql dump file:

   ```
   mysql> SOURCE hiphopathy.sql;
   ```

If your hiphopathy.sql file isnt in the current directory, you should specify the full path.