CODE: Creating Databases

#### Creating Databases Code

Start the CLI:

mysql-ctl cli;

List available databases:

show databases;

The general command for creating a database:

CREATE DATABASE database\_name;   
  
A specific example:

CREATE DATABASE soap\_store;

CODE: Dropping Databases

****To drop a database:****

DROP DATABASE database\_name;

****For Example:****

DROP DATABASE hello\_world\_db;

Remember to be careful with this command! Once you drop a database, it's gone!

CODE: Using Databases

USE <database name>;

-- example:

USE dog\_walking\_app;

SELECT database();

CODE: Creating Your Own Tables

1. CREATE TABLE tablename
2. (
3. column\_name data\_type,
4. column\_name data\_type
5. );
6. CREATE TABLE cats
7. (
8. name VARCHAR(100),
9. age INT
10. );

CODE: How Do We Know It Worked?

SHOW TABLES;

SHOW COLUMNS FROM tablename;

DESC tablename;

CODE: Dropping Tables

#### Dropping Tables

DROP TABLE <tablename>;

A specific example:

DROP TABLE cats;

Be careful with this command!

CODE: Inserting Data

#### Inserting Data

#### The "formula":

#### INSERT INTO table\_name(column\_name) VALUES (data);

For example:

INSERT INTO cats(name, age) VALUES ('Jetson', 7);

CODE: Multiple Insert

1. INSERT INTO table\_name
2. (column\_name, column\_name)
3. VALUES (value, value),
4. (value, value),
5. (value, value);

Note about using quotes inside of inserted values

If you're wondering how to insert a string (VARCHAR) value that contains quotations, then here's how.

You can do it a couple of ways:

* Escape the quotes with a backslash: "This text has \"quotes\" in it" or 'This text has \'quotes\' in it'
* Alternate single and double quotes: "This text has 'quotes' in it" or 'This text has "quotes" in it'