

# CODE: Creating Databases

## Section 3, Lecture 24

### 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

## Section 3, Lecture 26

**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

## Section 3, Lecture 28

```
USE <database name>;
```

```
-- example:
```

```
USE dog_walking_app;
```

```
SELECT database();
```

# CODE: Creating Your Own Tables

## Section 3, Lecture 34

```
CREATE TABLE tablename  
(  
    column_name data_type,  
    column_name data_type  
);
```

```
CREATE TABLE cats  
(  
    name VARCHAR(100),  
    age INT  
);
```

# CODE: How Do We Know It Worked?

## Section 3, Lecture 36

```
SHOW TABLES;
```

```
SHOW COLUMNS FROM tablename;
```

```
DESC tablename;
```

# CODE: Dropping Tables

## Section 3, Lecture 38

### Dropping Tables

```
DROP TABLE <tablename>;
```

A specific example:

```
DROP TABLE cats;
```

Be careful with this command!

# CODE: Creating Your Own Tables Challenge

## Section 3, Lecture 40

```
CREATE TABLE pastries
(
    name VARCHAR(100),
    quantity INT
);
```

```
SHOW TABLES;
```

```
DESC pastries;
```

```
DROP TABLE pastries;
```