Gary's MySQL Cheat Sheet

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1 Open Database

```
USE "database name";
```

2 Show Tables

```
SHOW TABLES;
```

3 Show tables and the table type

```
SHOW FULL TABLES;
```

4 Create database

```
CREATE DATABASE "database name";
```

5 Create table

```
CREATE TABLE "books"
```

```
   For example:
CREATE TABLE books(
ISBN CHAR(20) PRIMARY KEY,
title VARCHAR(50),
authorID INT,
desc TEXT);
```

6 View table

```
DESCRIBE ''Books'';
```

7 Auto increment primary key

```
(author_id INT AUTO_INCREMENT PRIMARY KEY;)
```

8 Enter data

```
INSERT INTO books (title, author_id, isbn, year_pub)
```

```
   VALUES (''Castle'', '1','5028','1988');
```

9 Retrieve limited number of data points.

```
SELECT title, name_last
FROM books
LIMIT 5;
```

10 Join table

```
SELECT title,name_last
FROM books
JOIN authors USING(author_id);
```