**CREATE DATABASE** myDB; -- (creating database)

**USE** myDB; -- (using the current database)

**DROP DATABASE** myDB; --(deleting or dropping database)

ALTER DATABASE myDB **READ ONLY** = 1; -- (cannot drop database if the read only is 1... 0 can drop)

**CREATE TABLE** employees ( --(creating table)

employee\_id **INT**, --(int or intergers)

first\_name **VARCHAR(50)**, --(50 is the maximum amount of characters allowed)

last\_name VARCHAR(50),

hourly\_pay **DECIMAL (5, 2)**, --(5 is the digits and 2 is the number of decimal places)

hire\_date **DATE --**(date is for the date haha)

);

**SELECT \* FROM** employees; --(selecting all from the table)

**RENAME TABLE** employees **TO** workers; --(renaming table)

**DROP TABLE** employees; -- (dropping/deleting table)

**ALTER TABLE** employees -- (alter/changing the table)

**ADD** phone\_number VARCHAR(15); -- (adding another column to a table)

ALTER TABLE employees

**RENAME COLUMN** phone number **TO** email; -- (renaming a column)

ALTER TABLE employees

**MODIFY COLUMN** email VARCHAR(100); -- (changing varchar value)

ALTER TABLE employees

**MODIFY** email VARCHAR(100)

**AFTER** last name; (move email to after last name) (**FIRST** to be first)

ALTER TABLE employees

**DROP COLUMN** email; -- (dropping/deleting a column)

**INSERT INTO** employees

**VALUES** (1, "Eugene", "Krabs", 25.50, "2023-01-02"); -- (inserting values to a table)

INSERT INTO employees

**VALUES (), (), (), ();** -- (Insert multiple values)

INSERT INTO employees **(employee\_id, first \_ name, last \_ name)**

VALUES (6, "Sheldon", "Plankton" ); --(custom input)

**SELECT first\_name, last\_name**

FROM employees; -- (Selecting specific columns)

**SELECT last\_name, first\_name**

FROM employees; -- (last\_name first)

SELECT \*

FROM employees

**WHERE employee\_id = 1; --** (selecting specific row by id)

SELECT \*

FROM employees

**WHERE first name = "Spongebob"; --** (selecting by name)

SELECT \*

FROM employees

**WHERE hourly\_pay >= 15;** -- (finding employees 15+ hourly pay)

SELECT \*

FROM employees

**WHERE employee\_id != 1;** -- (except 1 or not equal to1)

SELECT \*

FROM employees

**WHERE hire\_date IS NULL;** (finding columns that no hire date or NULL values)

(**IS NOT NULL** opposite)

**UPDATE** employees

**SET** hourly\_pay = 10.25 -- (updating a specific employee)

WHERE employee\_id = 6

UPDATE employees

SET hourly\_pay = 10.50,

hire date = "2023-01-07" -- (updating two or more)

WHERE employee\_id = 6;

UPDATE employees

SET hire date = NULL

WHERE employee\_id = 6; -- (setting to null)

UPDATE employees

SET hourly\_pay = 10.25; -- (setting an entire column)

DELETE FROM employees

WHERE employee\_id = 6; --(deleting an entire row by id)

**SET AUTOCOMMIT = OFF**; -- (will not save automatically)

**COMMIT**; -- (savepoint or manual save)

**ROLLBACK;** -- (restore the current transaction or undo)