# Learn Bash by building a boilerplate

Bash command:

echo <text>

cd <folder\_name>

ls <folder\_name>

clear

pwd

more

mkdir <foler\_name>

touch <file\_name>

cp <file> <destination>

rm <file>

mv <filename> <new\_filename>

mv <file> <destination>

find <folder\_name>

find -name <filename>

rmdir <folder\_name>

echo text >> filename

cp -r <folder\_name> <destination>

# Learn Relational Database by building a mario database

psql –username=freecodecamp –dbname=postgres

PostgreSQL command

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CREATE DATABASE database\_name;

\c <database\_name>

\d

CREATE TABLE table\_name();

\d table\_name

ALTER TABLE table\_name ADD COLUMN column\_name DATATYPE;

ALTER TABLE table\_name DROP COLUMN column\_name;

ALTER TABLE table\_name RENAME COLUMN column\_name TO new\_name;

INSERT INTO table\_name(column1, column2) VALUES(value1, value2);

SELECT columns FROM table\_name;

DELETE FROM table\_name WHERE condition;

DROP TABLE table\_name;

ALTER DATABASE database\_name RENAME TO new\_database\_name;

UPDATE table\_name SET column\_name=new\_value WHERE condition;

SELECT columns FROM table\_name ORDER BY column\_name;

ALTER TABLE table\_name ADD PRIMARY KEY(column\_name);

ALTER TABLE table\_name DROP CONSTRAINT constraint\_name;

ALTER TABLE table\_name ADD COLUMN column\_name DATATYPE REFERENCES referenced\_table\_name(referenced\_column\_name);

ALTER TABLE table\_name ADD UNIQUE(column\_name);

ALTER TABLE table\_name ALTER COLUMN column\_name SET NOT NULL;

SELECT columns FROM table\_name WHERE condition;

CREATE TABLE table\_name(column\_name DATATYPE CONSTRAINT);

ALTER TABLE table\_name ADD FOREIGN KEY(column\_name) REFERENCES referenced\_table(referenced\_column);

ALTER TABLE table\_name ADD PRIMARY KEY(column1, column2);

SELECT columns FROM table\_1 FULL JOIN table\_2 ON table\_1.primary\_key\_column = table2.foreign\_key\_column;

SELECT columns FROM junction\_table

FULL JOIN table1 ON junction\_table.foreign\_key = table1.primary\_key

FULL JOIN table2 ON junction\_table.foreign\_key = table2.primary\_key;

# Celestial Bodies Database