C = create – mysql command = INSERT

INSERT INTO table name (column\_name1, column\_name2)

VALUES('column1\_value', 'column2\_value');

R = read – mysql command = SELECT

SELCET \* FROM

U = update – mysql command = UPDATE

UPDATE table\_name SET column\_name1 = 'some\_value', column\_name2='another\_value' WHERE condition(s)

D = delete – myqul command = DELETE

DELETE FROM table\_name WHERE condition(s)

JOIN = combine 2 tables

ON = primary key + foreign key (will not log if there isn’t info for the foreign key)

One-to-One

SELECT \* FROM orders

JOIN customers ON tablename1.id = table1.table2\_id;

Many-to-Many

SELECT \* FROM orders

JOIN table1 ON tables.id = tables1\_table2.table2\_id

JOIN items ON tables3.id = tables3\_tables4.item\_id;

LEFT JOIN = grabs all info from all tables regardless if there is a relationship or not

ON = primary key + foreign key (will log if there isn’t info for the foreign key)

One-to-Many:

SELECT \*FROM tables1

LEFT JOIN tables2

ON users.id = tables2.table1\_id

WHERE tables.id = #;

Rename the new table

SELECT tweets.tweet as kobe\_tweets

FROM users

LEFT JOIN tweets

ON users.id = tweets.user\_id

WHERE users.id = 1;

COUNT = count the number of items