**learn SQL in 60 minutes (**[**https://www.youtube.com/watch?v=p3qvj9hO\_Bo&t=170s**](https://www.youtube.com/watch?v=p3qvj9hO_Bo&t=170s)**)**

**USE MYSQL WORKBENCH**

**“”” record\_company DATABASE “””**

**Basics:**

**Everything is in UPPERCASE:**

**SELECT**

**CREATE**

**DROP - to delete everything**

**ALTER TABLE - if you forgot to add columns or something else**

**VARCHAR - letters max 255 symbols**

**INT - numbers**

**NOT NULL - not empty space**

**SELECT \* FROM bands ORDER BY name DESC;**

**DESC - REVERSE ALPHABETS**

**ASC - SORT BY ALPHABETICAL ORDER**

**SELECT DISTINCT name FROM albums;**

**DISTINCT - is mean deleting duplicates from table**

**\*\*\* upgrade some data \*\*\***

**UPDATE albums**

**SET release\_year = 1982**

**WHERE id = 1;**

**Dont forget to set ‘id’. If you will forget about it all albums will have release\_year = 1982;**

**‘’’**

**finding specific search where**

**‘release\_year’ smaller than 2000**

**‘name’ LIKE ‘%er’ - is that finding er in albums**

**‘BETWEEN’ years**

**‘AND’ - 2 specific characters like release\_year and band\_id**

**‘’’**

**SELECT \* FROM albums**

**WHERE release\_year < 2000;**

**SELECT \* FROM albums**

**WHERE name LIKE '%er%';**

**SELECT \* FROM albums**

**WHERE release\_year = 1984 AND band\_id = 1;**

**SELECT \* FROM albums**

**WHERE release\_year BETWEEN 2000 AND 2018;**

**DELETE FROM albums WHERE id = 5;**

**SELECT \* FROM bands**

**JOIN albums ON bands.id = albums.band\_id;**

**“”” Thats will be tie together id and bands\_id “””**

**SELECT b.name AS band\_name, COUNT(a.id) AS num\_albums**

**FROM bands AS b**

**LEFT JOIN albums AS a ON b.id = a.band\_id**

**WHERE b.name = 'Deuce'**

**GROUP BY b.id**

**HAVING num\_albums = 1;**