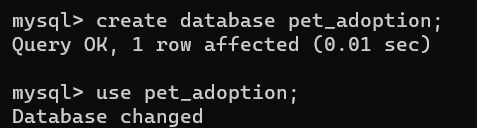
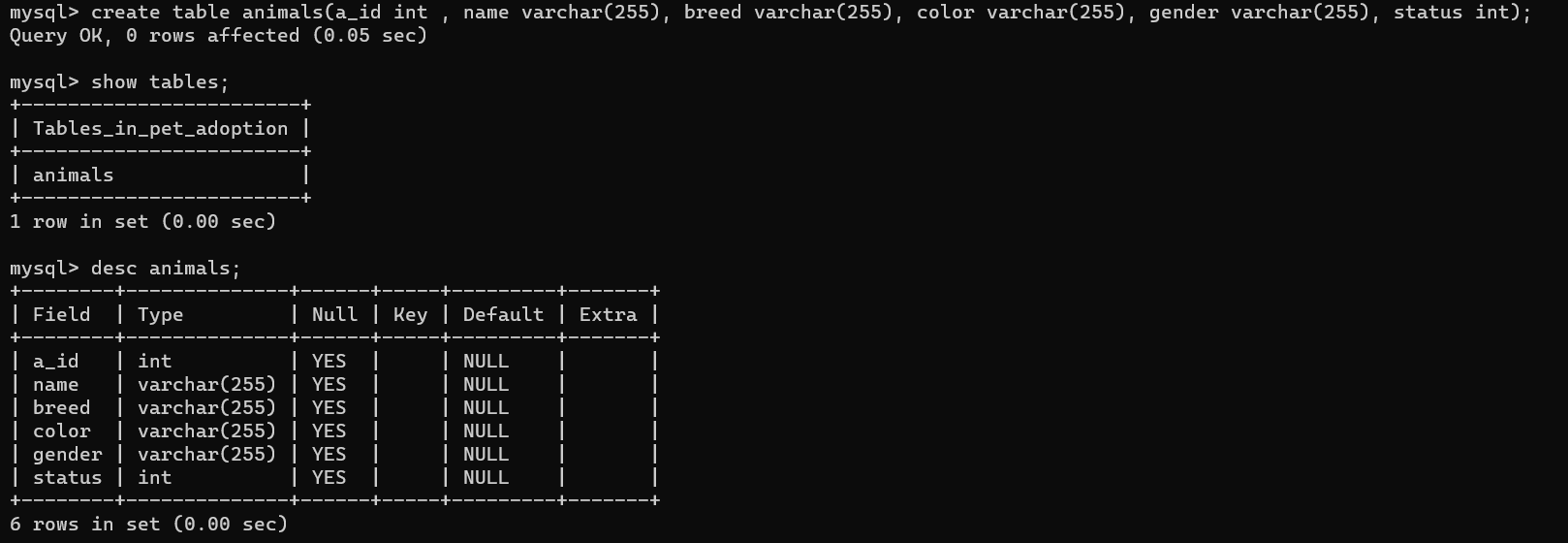
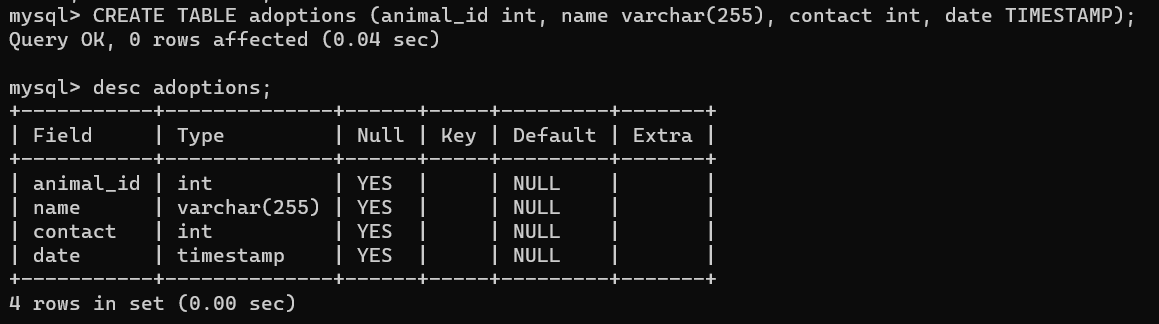
NAME- PUJAN RASTOGI

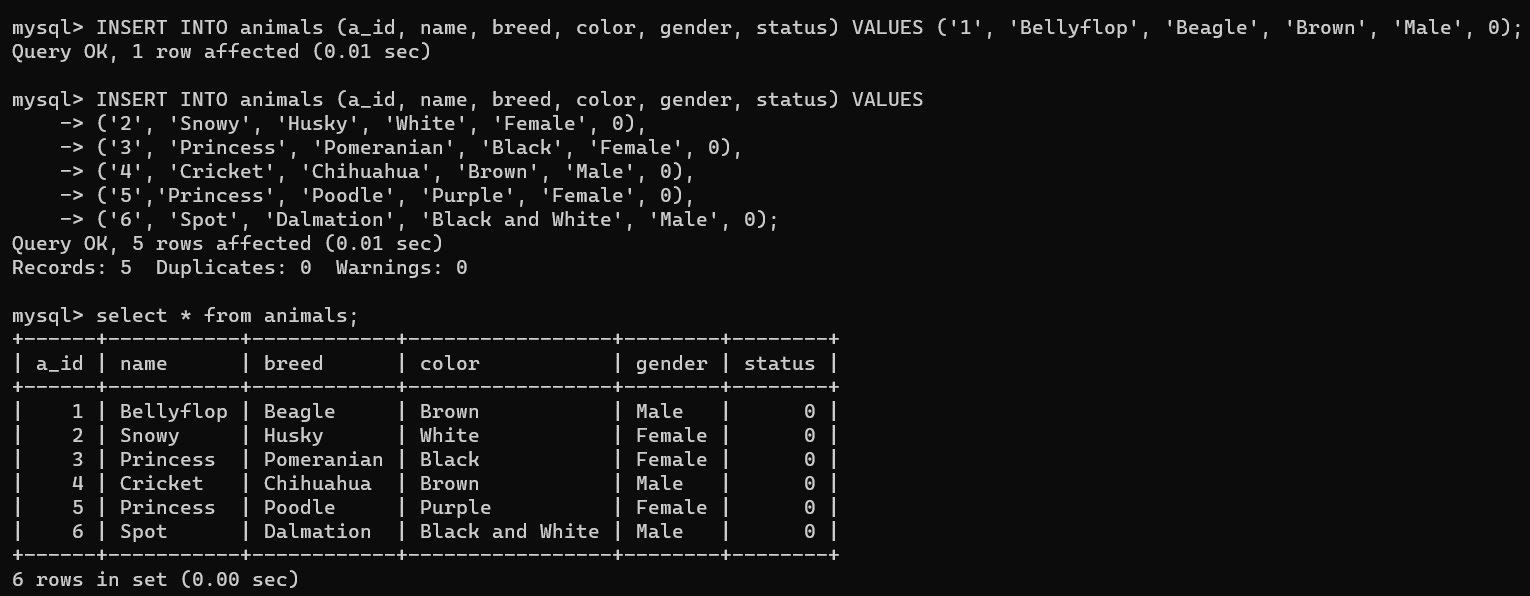
EMAIL – [rastogipujan59@gmail.com](mailto:rastogipujan59@gmail.com)

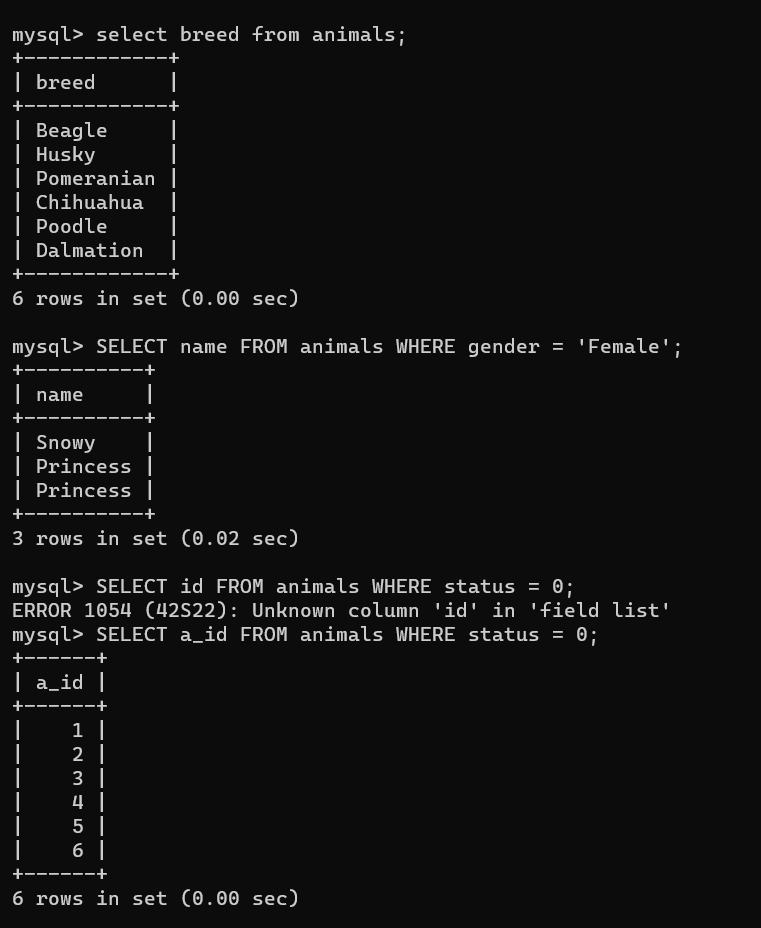
**ASSESSMENT 3**

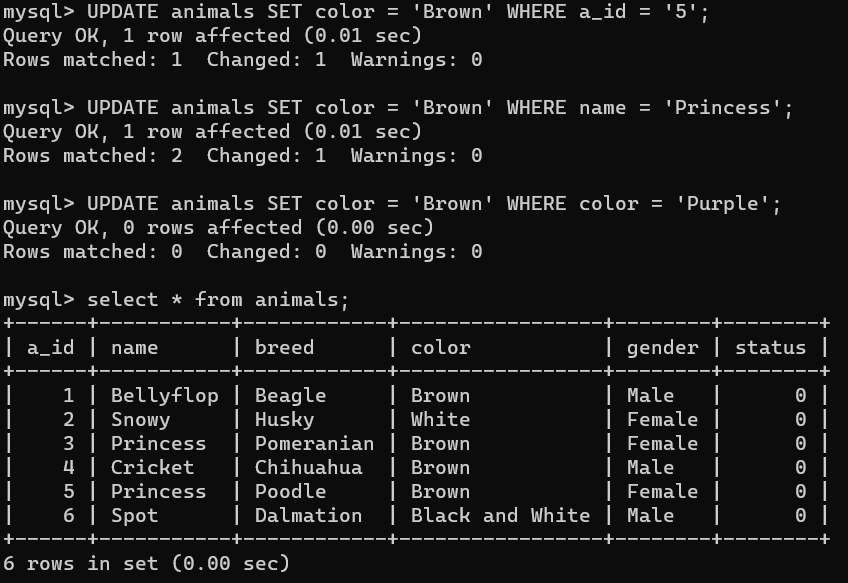


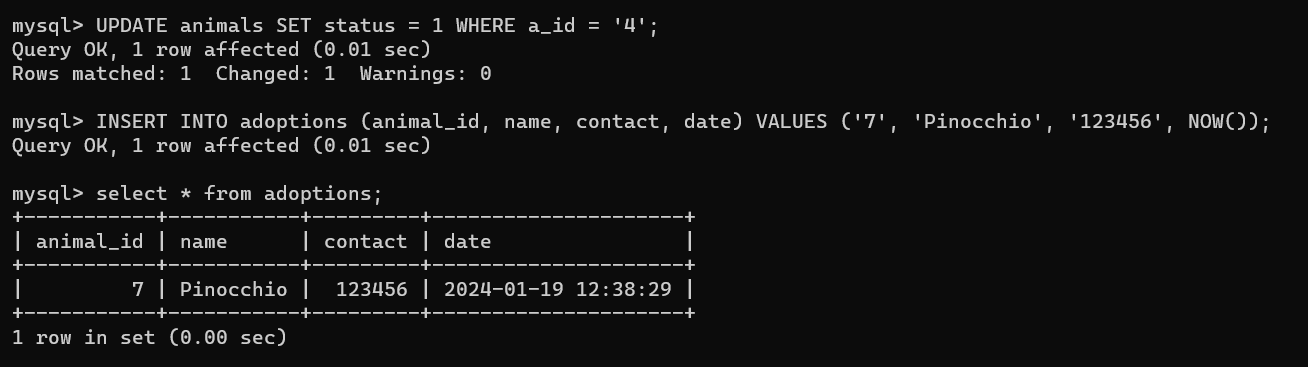




**Exercise 1: Add All Dogs to the Database**

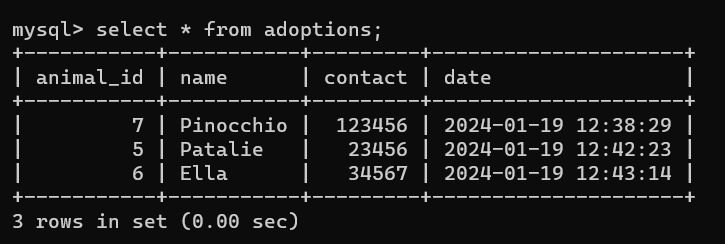
**Retrieve List of Dogs: SELECT \* FROM**

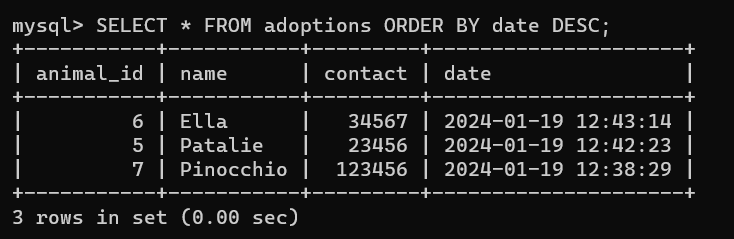
**Update Dogs’ Information: UPDATE & DELETE FROM**

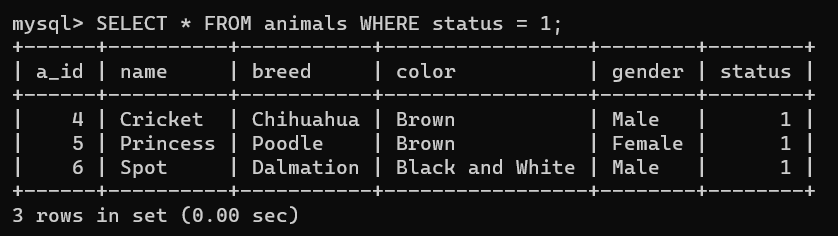
**Our First Shelter Adoption: UPDATE & INSERT**

**Exercise 2: Record Adoptions**

**Verify Changes: ORDER BY**

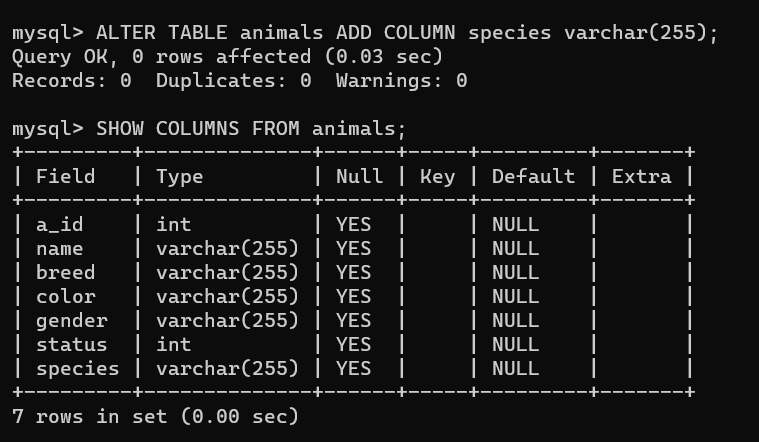
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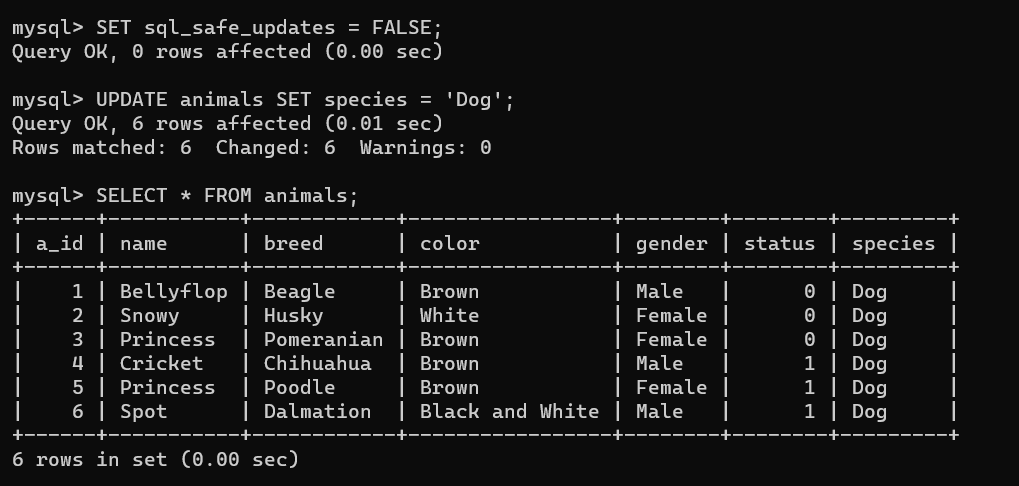


**Advanced: Now Accepting Cats for Adoption**

**Add a Table Column: ALTER TABLE**



**Set All Current Animals to “Dog”: SET & UPDATE**

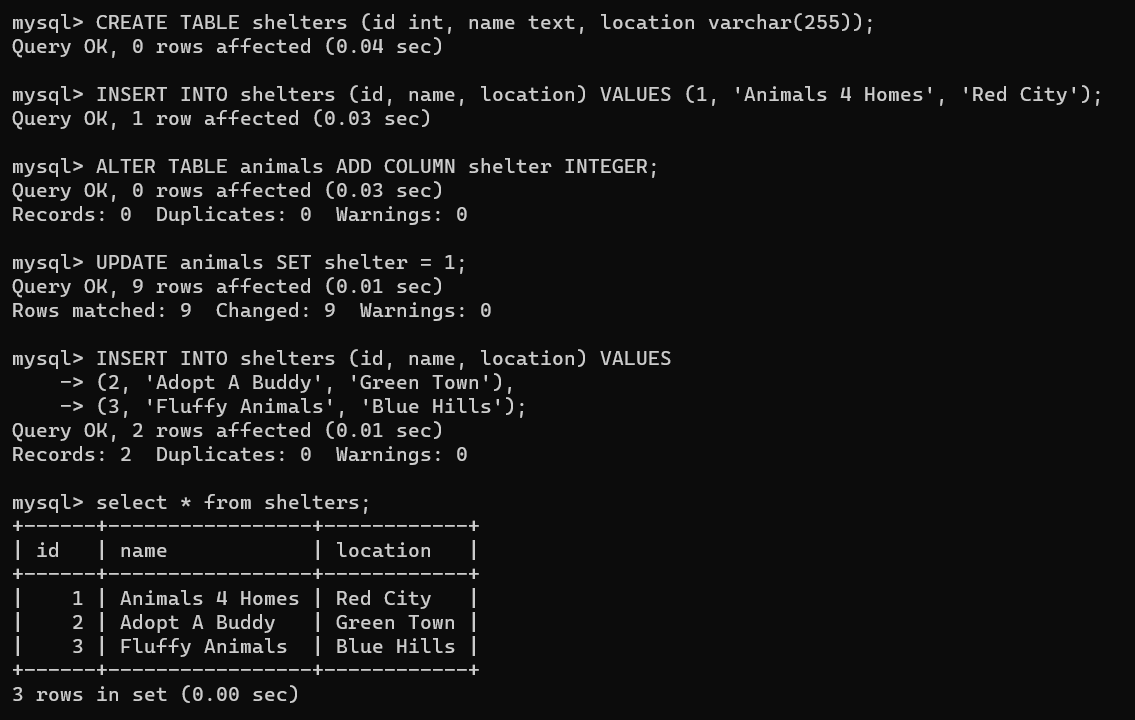


**Bring In The Cats**

**Exercise 3: Add All Cats to the Database**

**Advanced: Expand to Multiple Locations**

**A Table for Shelters: ALTER TABLE … ADD COLUMN**



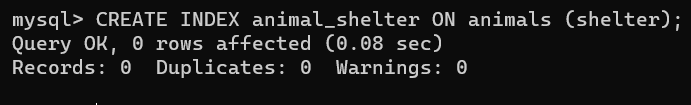


**New Animals for New Homes**

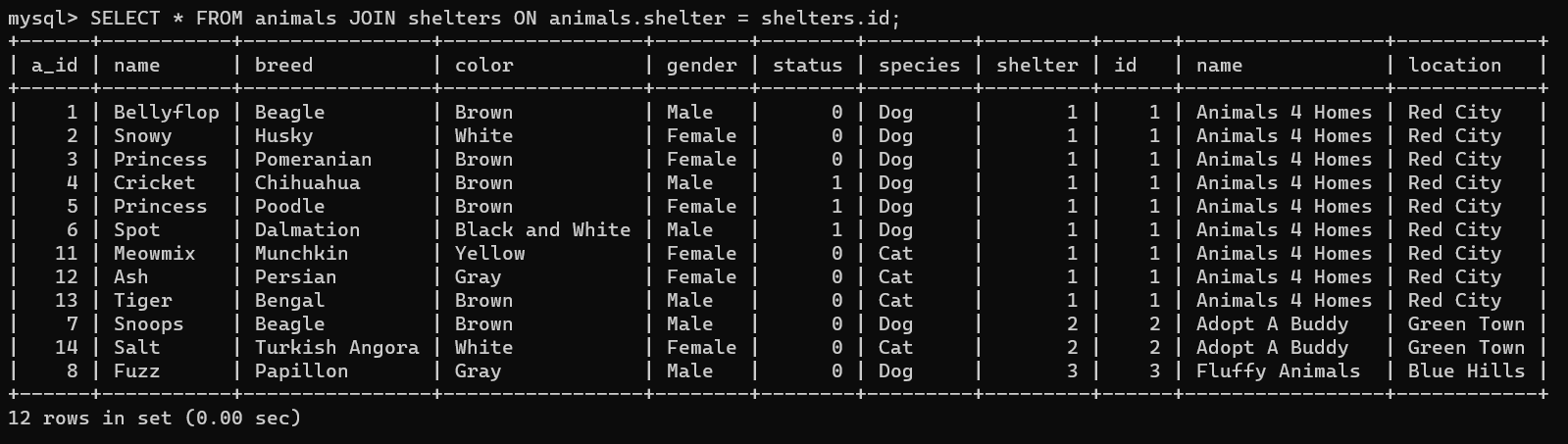
**Exercise 4: Add Many Types of Animals**



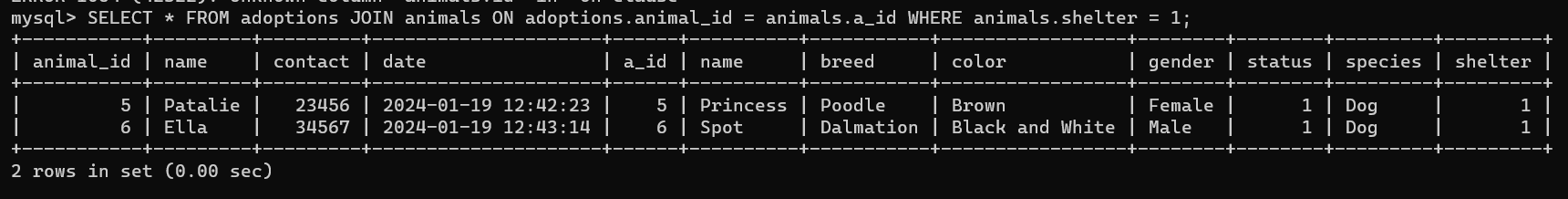
**More Advanced SQL: Indexes and Joins**



**Complex Queries with JOIN**

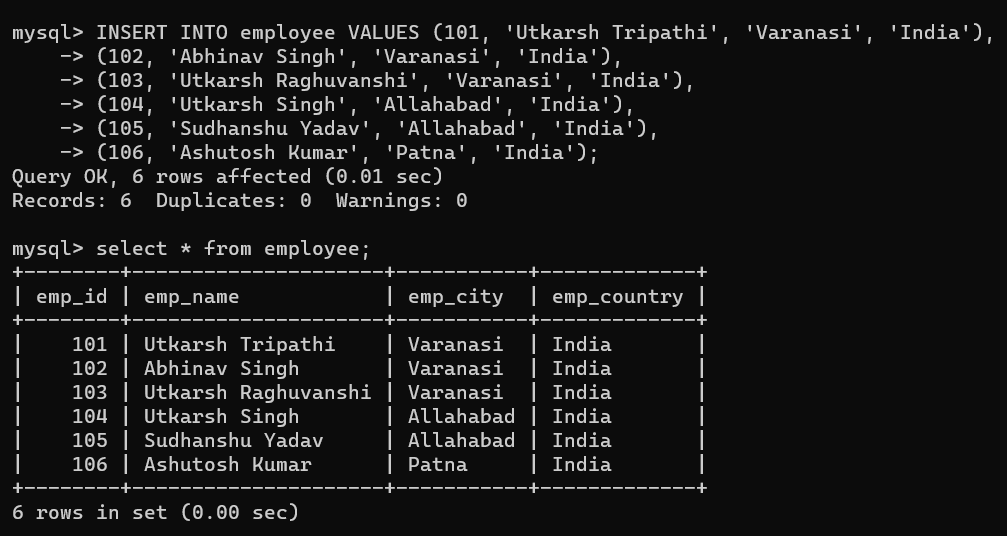


**Exercise 5: Get list of all animals**

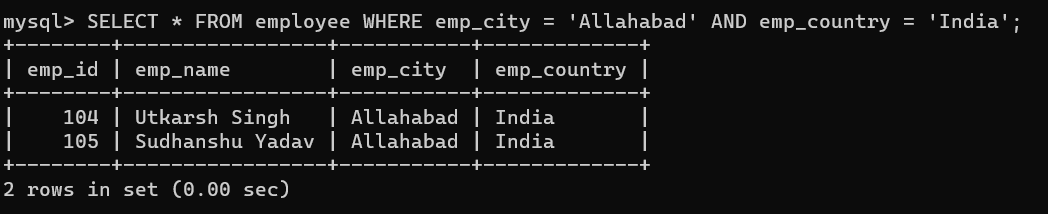


**Types of Logical Operators in SQL**

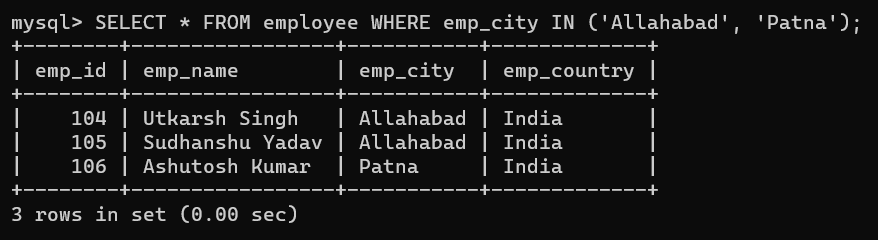




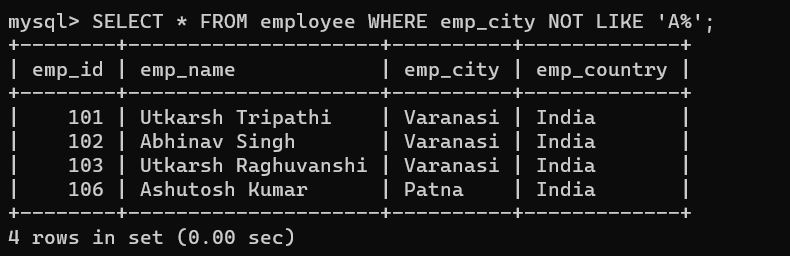
**AND Operator**

****

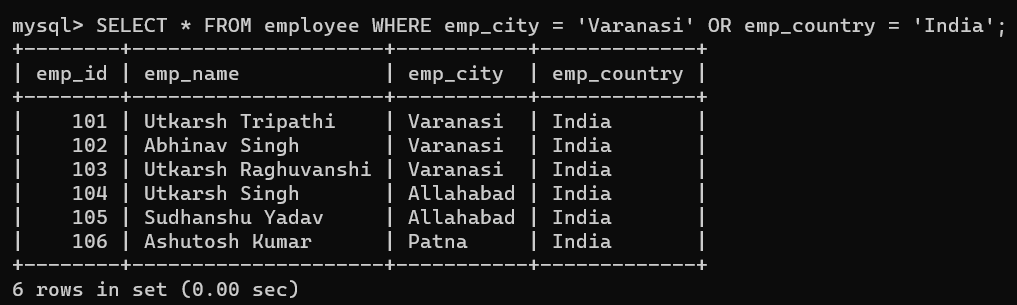
**IN Operator**

****

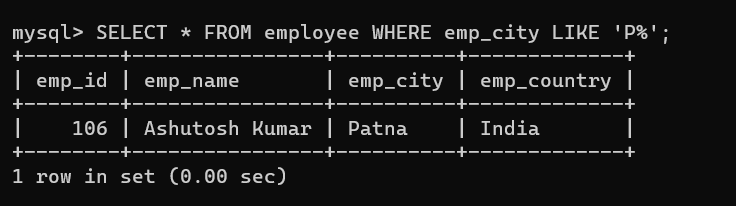
**NOT Operator**

****

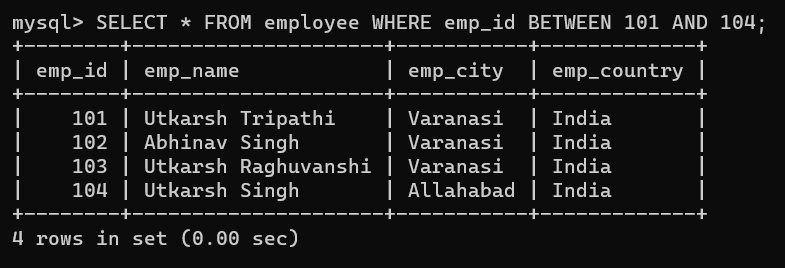
**OR Operator**

****

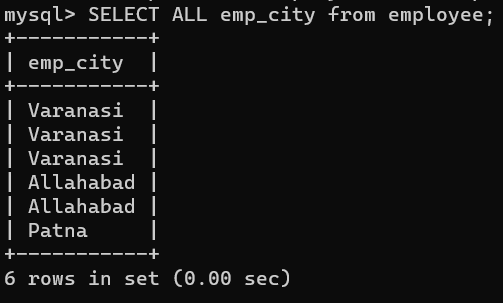
**LIKE Operator**

****

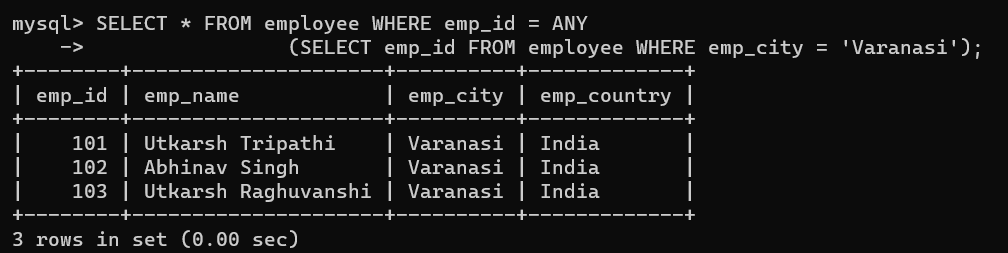
**BETWEEN Operator**

****

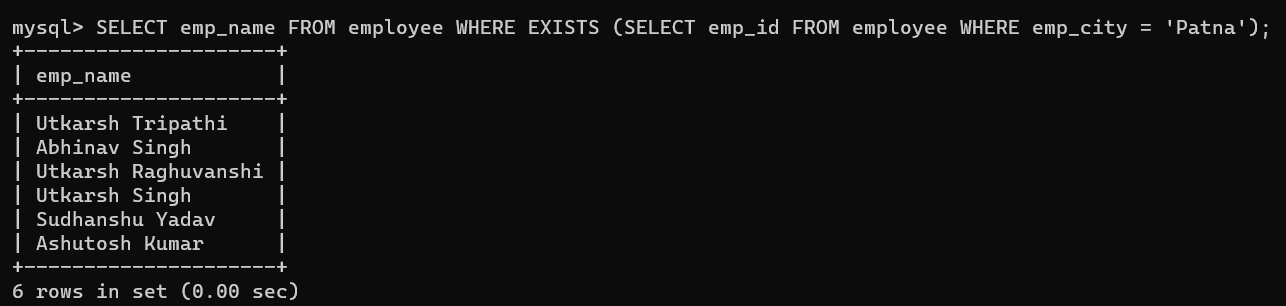
**ALL Operator**

****

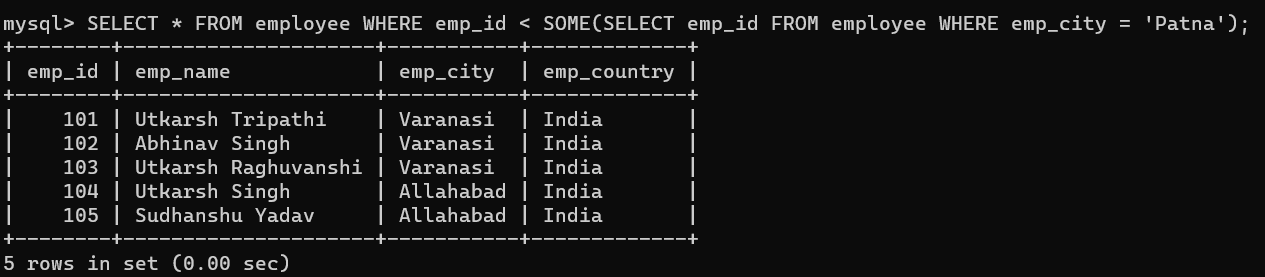
**ANY Operator**

****

**EXISTS Operator**

****

**SOME Operator**

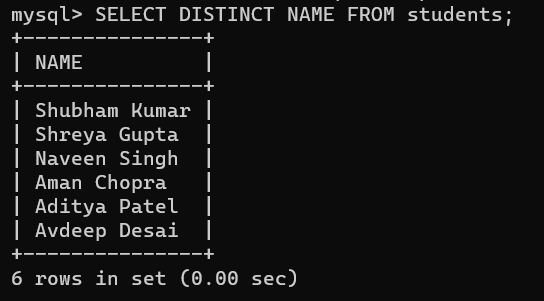
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SQL Distinct Clause

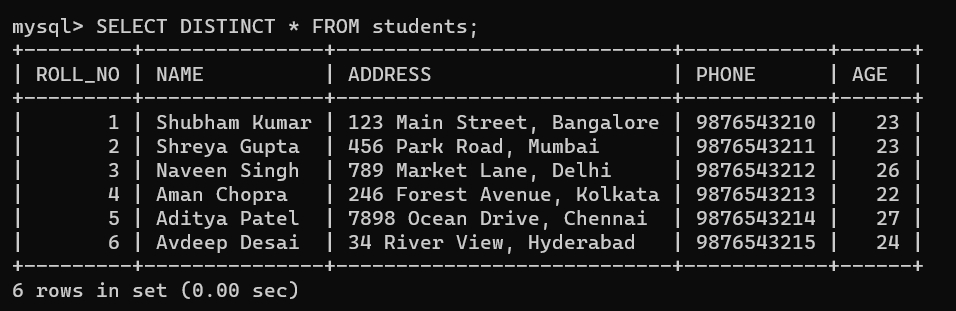


**Distinct Operations**

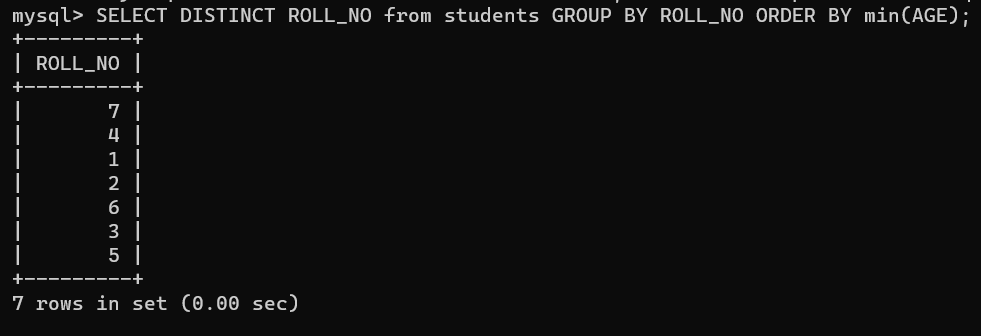
**Example 1: Now, to fetch unique names from the NAME field.**

****

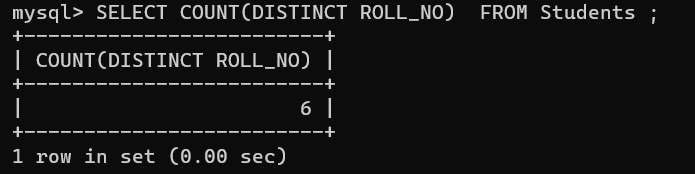
**Example 2: Now, to fetch a unique combination of rows from the whole table.**

****

**Using Distinct Clause with Group By & Order By**

****

**Using Distinct Clause with COUNT() Function**

****

**How the DISTINCT Clause Handles NULL Values?**

