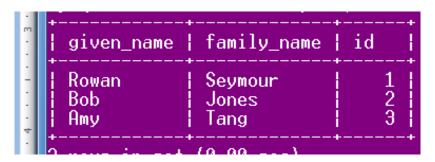
In Class Exercise for Advanced SQL

Create the following table. Ensure that id is a primary key

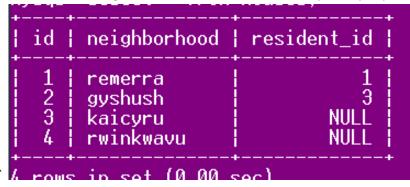


Create the following suspects table. Ensure that id is a primary key



- 1. Write a query to show the number of records with null values in the suspect_id column
- 2. Show only the records in the crime table which have a matching id in the suspect table
- 3. Show all the records in the crime table and only those from the suspect table having a matching id
- 4. Show all the records from the suspect table and show only the crime records with suspect_ids matching the id field in the crime table

Create the following houses table. Ensure that id is a primary key



- 5. Show only the neighborhood that have residents in the suspect table, the suspect's given name, and only the crimes committed by those residents
- 6. Show all existing neighborhoods, the residents that live in those houses and all existing crimes
- 7. Modify the suspects table to ensure the family name will never have a null entry
- 8. Alter table houses and change the neighborhood column name to village
- 9. Alter the houses table and add a column to for country
- 10. Add a constraint to ensure that id is unique