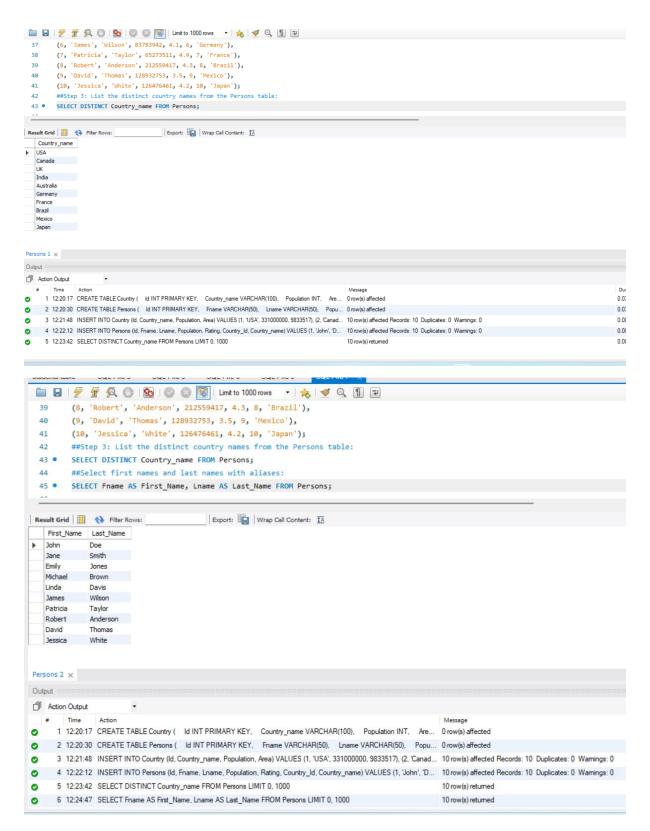
Querying Data

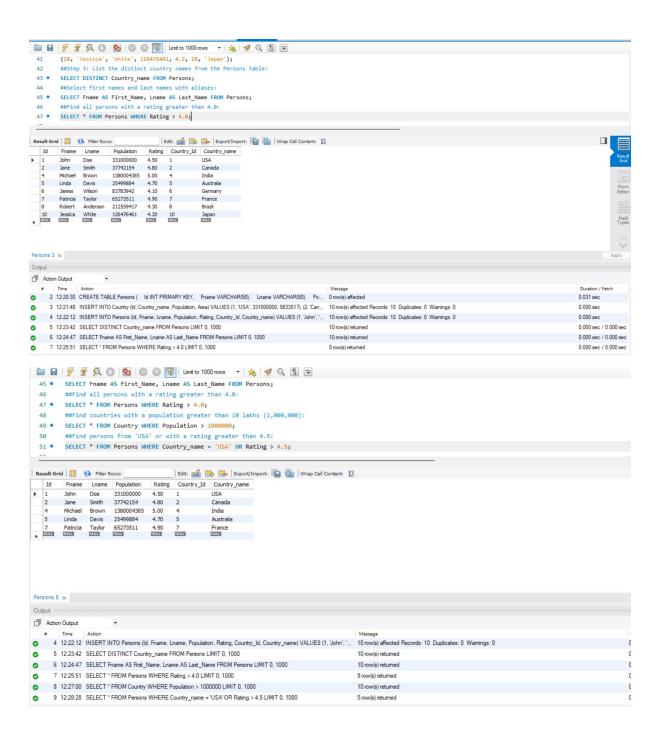
```
2 ● ⊖ CREATE TABLE Country (
            Id INT PRIMARY KEY,
            Country_name VARCHAR(100),
            Population INT,
            Area INT);
  8 • ⊖ CREATE TABLE Persons (
            Id INT PRIMARY KEY,
 10
            Fname VARCHAR(50),
 11
            Lname VARCHAR(50),
 12
            Population INT,
 13
           Rating DECIMAL(3, 2),
 14
            Country_Id INT,
 15
            Country_name VARCHAR(100),
       FOREIGN KEY (Country_Id) REFERENCES Country(Id));
 16
Output ::
Action Output
# Time Action Message
1 12:20:17 CREATE TABLE Country ( Id INT PRIMARY KEY, Country_name VARCHAR(100), Population INT, Area ... 0 row(s) affected
                                                                                                                                                                    0.032 sec
2 12:20:30 CREATE TABLE Persons ( Id INT PRIMARY KEY, Fname VARCHAR(50), Lname VARCHAR(50), Popul... 0 row(s) affected
                                                                                                                                                                    0.031 sec
```

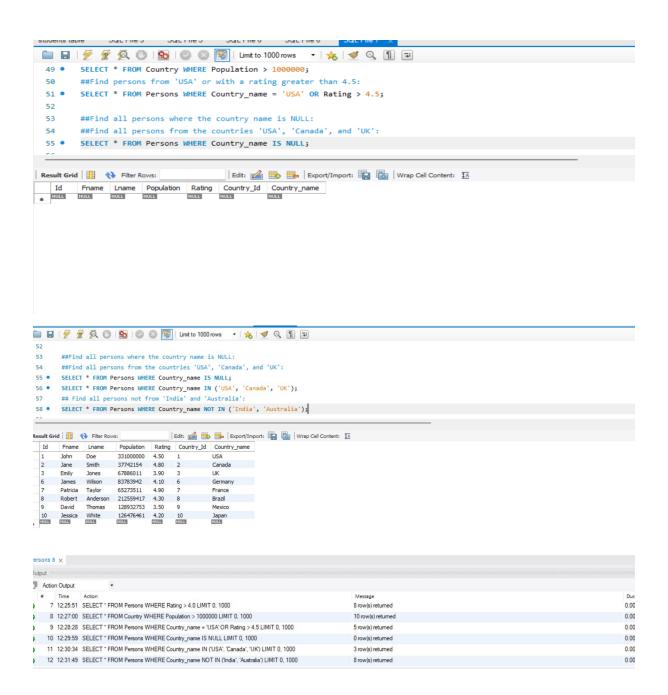
1.CREATING TABLES

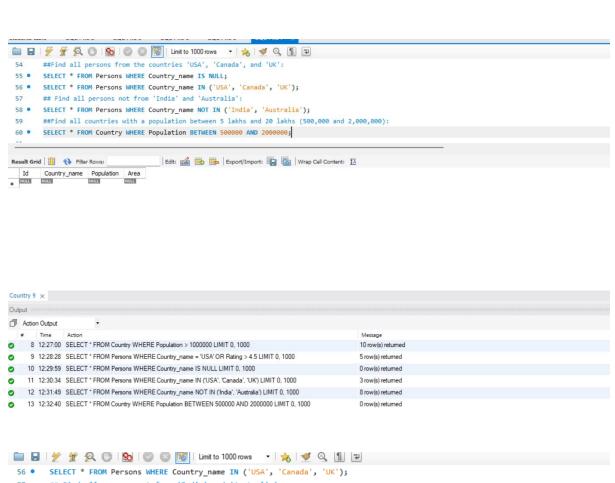
```
students table* SQL File 3* SQL File 5* SQL File 6* SQL File 6* SQL File 6*
              🚞 🖫 | 🐓 💯 👰 🔘 | 🚳 | 📀 🚳 📳 | Limit to 1000 rows 🔻 🙀 💆 🔍 🕦 🖘
                           (3, 'UK', 67886011, 243610),
(4, 'India', 1380004385, 3287263),
                            (5, 'Australia', 25499884, 7692024),
                            (6, 'Germany', 83783942, 357022),
                            (7, 'France', 65273511, 551695),
                            (8, 'Brazil', 212559417, 8515767),
                            (10, 'Japan', 126476461, 377975);
                         INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country_name) VALUES
                31 •
                           (1, 'John', 'Doe', 331000000, 4.5, 1, 'USA'),
(2, 'Jane', 'Smith', 37742154, 4.8, 2, 'Canada'),
                            (3, 'Emily', 'Jones', 67886011, 3.9, 3, 'UK'),
                           (3, 'Emily', 'Jones', 07880011, 3.9, 3, 'UK'),
(4, 'Nichael', 'Brown', 1380004385, 5.0, 4, 'India'),
(5, 'Linda', 'Davis', 25499884, 4.7, 5, 'Australia'),
(6, 'James', 'Wilson', 03783942, 4.1, 6, 'Germany'),
(7, 'Patricia', 'Taylor', 05273511, 4.9, 7, 'France'),
                            (8, 'Robert', 'Anderson', 212559417, 4.3, 8, 'Brazil'),
(9, 'David', 'Thomas', 128932753, 3.5, 9, 'Mexico'),
                            (10, 'Jessica', 'White', 126476461, 4.2, 10, 'Japan');
             Action Output
            | Time | Action | Message | 1 12:20.17 CREATE TABLE Country | Id INT PRIMARY KEY, Country_name VARCHAR(100), Population INT, Area ... Torwish affected | 2 12:20.30 CREATE TABLE Persons ( Id INT PRIMARY KEY, Finame VARCHAR(50), Liname VARCHAR(50), Popul... | Torwish affected | 3 12:21.46 INSERT INTO Country (Id. Country_name, Population, Area) VALUES (1, USA; 331000000, 9833517), (2, Cranada... 10 rowish) affected Records: 10 Duploates: 0 Warnings: 0
                                                                                                                                                                                                                                                                                                           0.031 sec
                                                                                                                                                                                                                                                                                                            0.000 sec
             4 12-22-12 INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country_name) VALUES (1, 'John', 'Do... 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0
```

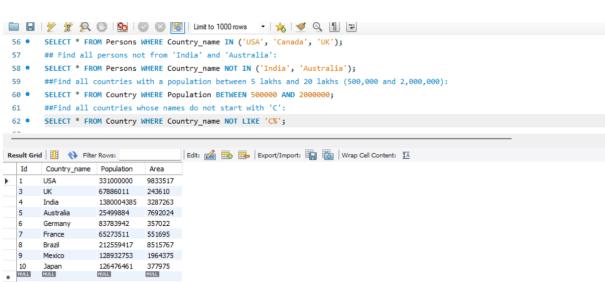


2.EXECUTING QUERIES











SUMMARY:

Country Table

Fields:

- O Id: Unique identifier for each country.
- O Country_name: Name of the country.
- O Population: Total population of the country.
- O Area: Total area of the country in square kilometers.

Data:

 Contains 10 countries, including the USA, Canada, UK, India, Australia, Germany, France, Brazil, Mexico, and Japan, with populations ranging from about 25 million (Australia) to over 1.3 billion (India).

Persons Table

Fields:

- O Id: Unique identifier for each person.
- O Fname: First name of the person.
- O Lname: Last name of the person.
- O Population: Population of the country the person belongs to (redundant in this context).
- Rating: A rating score for each person (scale up to 5.0).
- O Country_Id: Foreign key referencing the Country table.
- O Country_name: Name of the country (redundant with the Country_Id).

• Data:

- O Contains 10 persons with varying ratings from 3.5 to 5.0.
- O People are from countries like the USA, Canada, UK, India, Australia, Germany, France, Brazil, Mexico, and Japan.

Summary of Queries

- 1. Distinct Country Names: Retrieves unique country names from the Persons table.
- 2. First and Last Names: Selects first and last names with aliases for clarity.
- 3. High Ratings: Finds persons with ratings above 4.0.
- 4. High Population Countries: Lists countries with populations greater than 1 million.
- 5. Specific Persons: Identifies persons from the USA or those rated over 4.5.
- 6. Null Country Names: Searches for persons where the country name is null.
- 7. Filtered Countries: Retrieves persons from the USA, Canada, and the UK.
- 8. Exclusions: Finds persons not from India or Australia.
- 9. Population Range: Lists countries with populations between 500,000 and 2 million.
- 10. Name Exclusion: Finds countries whose names do not start with 'C'.

This summary encapsulates the data structure and the types of analyses you can perform with it. Let me know if you need further details!