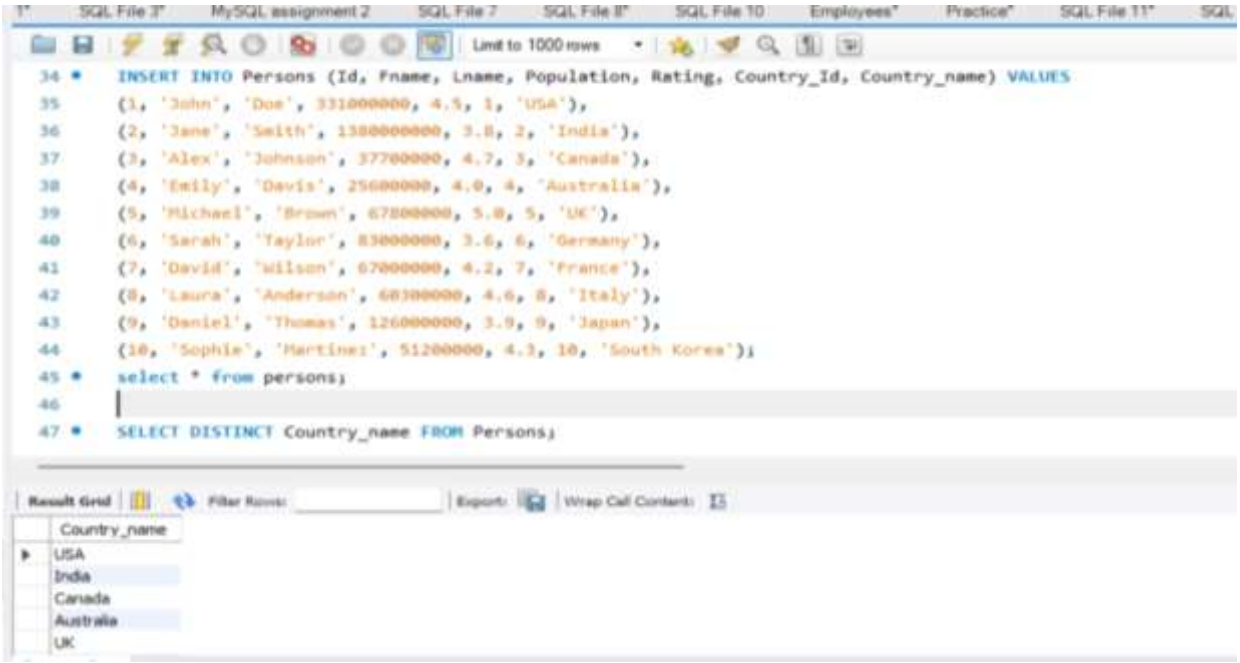
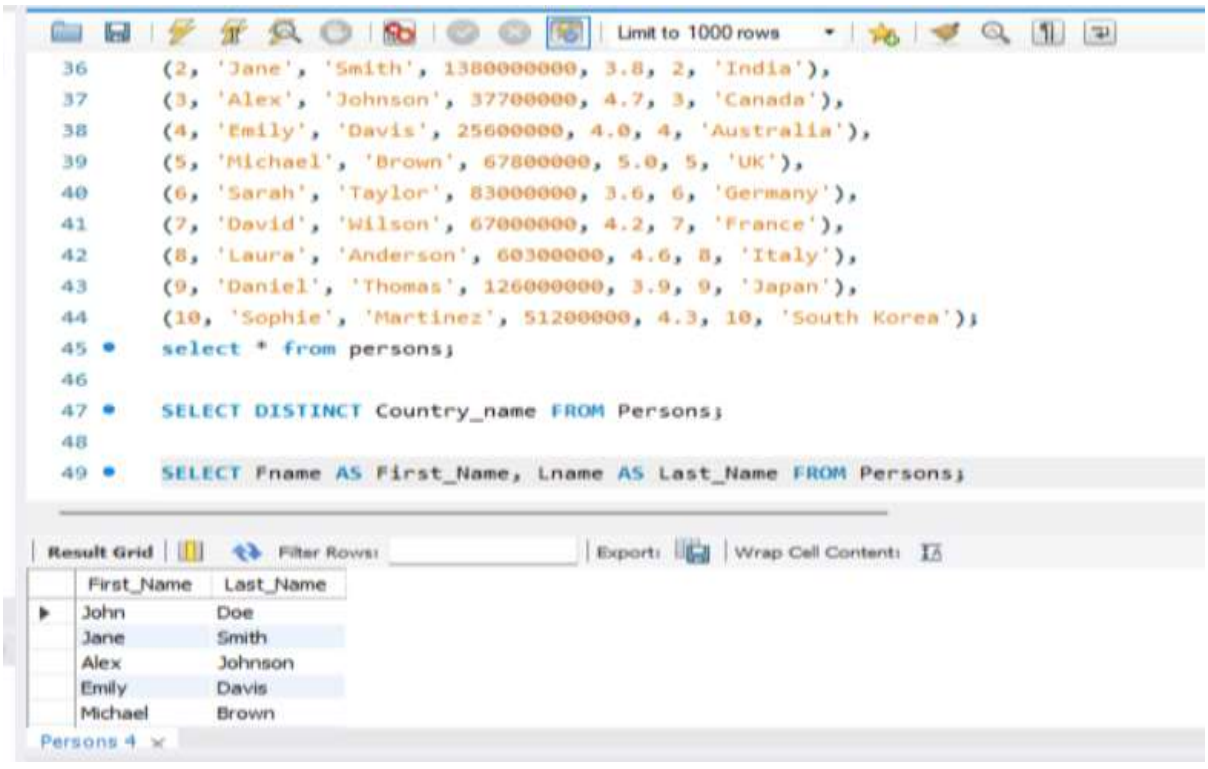
List the distinct country names from the Persons table



```
INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country_Id, Country_name) VALUES
(1, 'John', 'Doe', 331000000, 4.5, 1, 'USA'),
(2, 'Jane', 'Smith', 1380000000, 3.8, 2, 'India'),
(3, 'Alex', 'Johnson', 37700000, 4.7, 3, 'Canada'),
(4, 'Emily', 'Davis', 25600000, 4.0, 4, 'Australia'),
(5, 'Michael', 'Brown', 67800000, 5.0, 5, 'UK'),
(6, 'Sarah', 'Taylor', 83000000, 3.6, 6, 'Germany'),
(7, 'David', 'Wilson', 67000000, 4.2, 7, 'France'),
(8, 'Laura', 'Anderson', 60300000, 4.6, 8, 'Italy'),
(9, 'Daniel', 'Thomas', 126000000, 3.9, 9, 'Japan'),
(10, 'Sophie', 'Martinez', 51200000, 4.3, 10, 'South Korea');
select * from persons;

SELECT DISTINCT Country_name FROM Persons;
```

Country_name
USA
India
Canada
Australia
UK

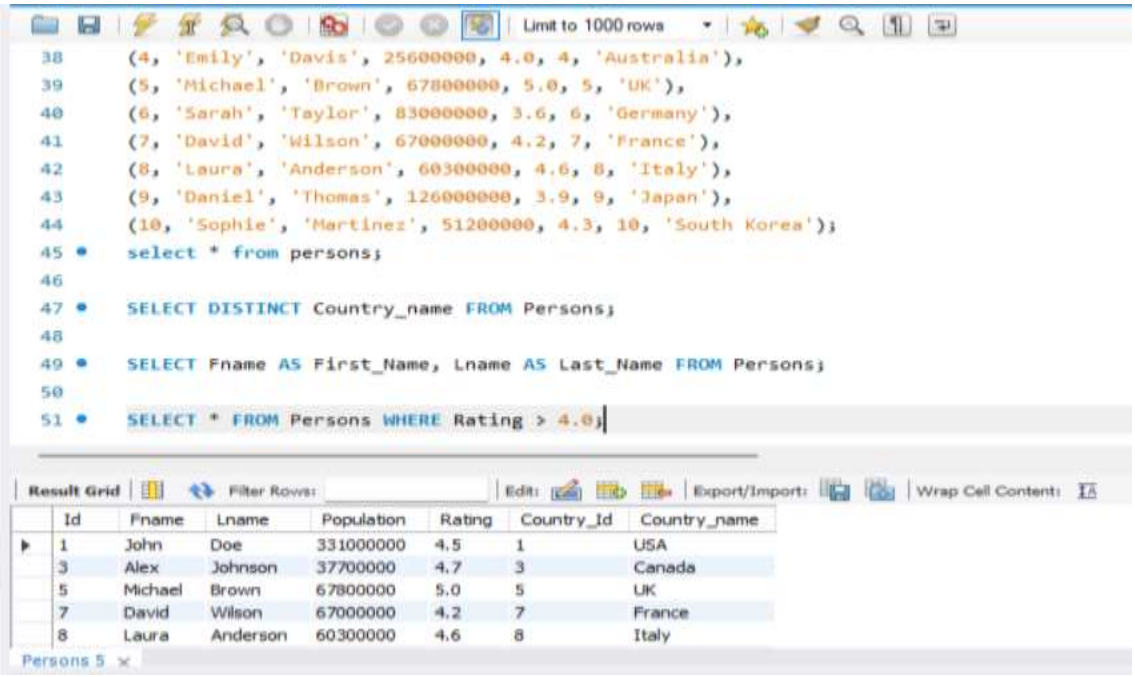
Select first names and last names from the Persons table with aliases.



```
(2, 'Jane', 'Smith', 1380000000, 3.8, 2, 'India'),
(3, 'Alex', 'Johnson', 37700000, 4.7, 3, 'Canada'),
(4, 'Emily', 'Davis', 25600000, 4.0, 4, 'Australia'),
(5, 'Michael', 'Brown', 67800000, 5.0, 5, 'UK'),
(6, 'Sarah', 'Taylor', 83000000, 3.6, 6, 'Germany'),
(7, 'David', 'Wilson', 67000000, 4.2, 7, 'France'),
(8, 'Laura', 'Anderson', 60300000, 4.6, 8, 'Italy'),
(9, 'Daniel', 'Thomas', 126000000, 3.9, 9, 'Japan'),
(10, 'Sophie', 'Martinez', 51200000, 4.3, 10, 'South Korea');
select * from persons;

SELECT DISTINCT Country_name FROM Persons;

SELECT Fname AS First_Name, Lname AS Last_Name FROM Persons;
```

First_Name	Last_Name
John	Doe
Jane	Smith
Alex	Johnson
Emily	Davis
Michael	Brown

Find all persons with a rating greater than 4.0.



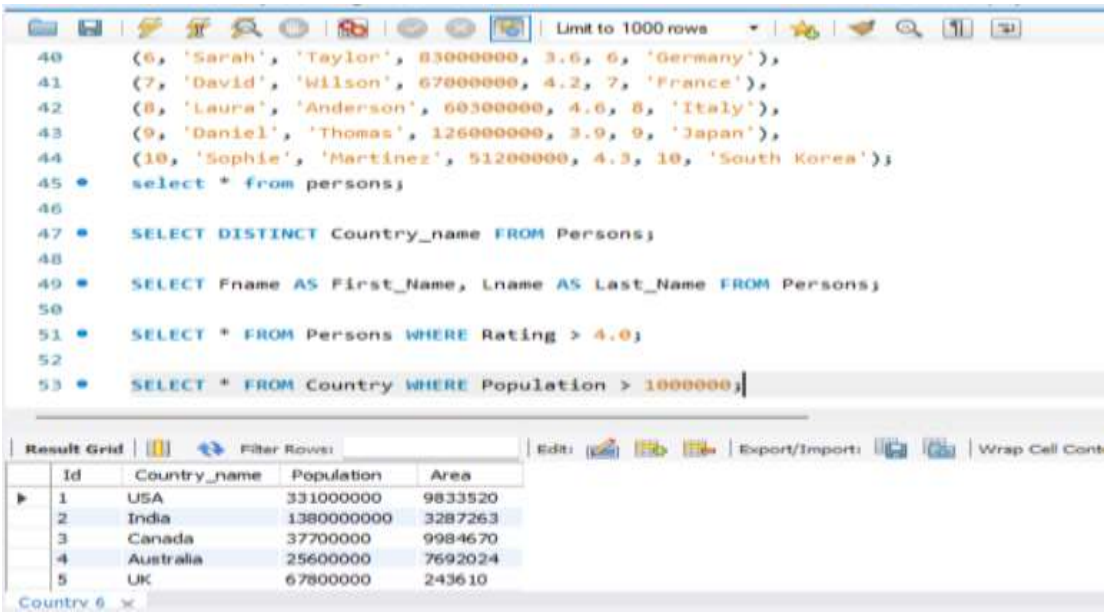
```
38      (4, 'Emily', 'Davis', 25600000, 4.0, 4, 'Australia'),
39      (5, 'Michael', 'Brown', 67800000, 5.0, 5, 'UK'),
40      (6, 'Sarah', 'Taylor', 83000000, 3.6, 6, 'Germany'),
41      (7, 'David', 'Wilson', 67000000, 4.2, 7, 'France'),
42      (8, 'Laura', 'Anderson', 60300000, 4.6, 8, 'Italy'),
43      (9, 'Daniel', 'Thomas', 126000000, 3.9, 9, 'Japan'),
44      (10, 'Sophie', 'Martinez', 51200000, 4.3, 10, 'South Korea');
45 •    select * from persons;
46
47 •    SELECT DISTINCT Country_name FROM Persons;
48
49 •    SELECT Fname AS First_Name, Lname AS Last_Name FROM Persons;
50
51 •    SELECT * FROM Persons WHERE Rating > 4.0;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Id	Fname	Lname	Population	Rating	Country_Id	Country_name
1	John	Doe	331000000	4.5	1	USA
3	Alex	Johnson	37700000	4.7	3	Canada
5	Michael	Brown	67800000	5.0	5	UK
7	David	Wilson	67000000	4.2	7	France
8	Laura	Anderson	60300000	4.6	8	Italy

Persons 5

Find countries with a population greater than 10 lakhs.



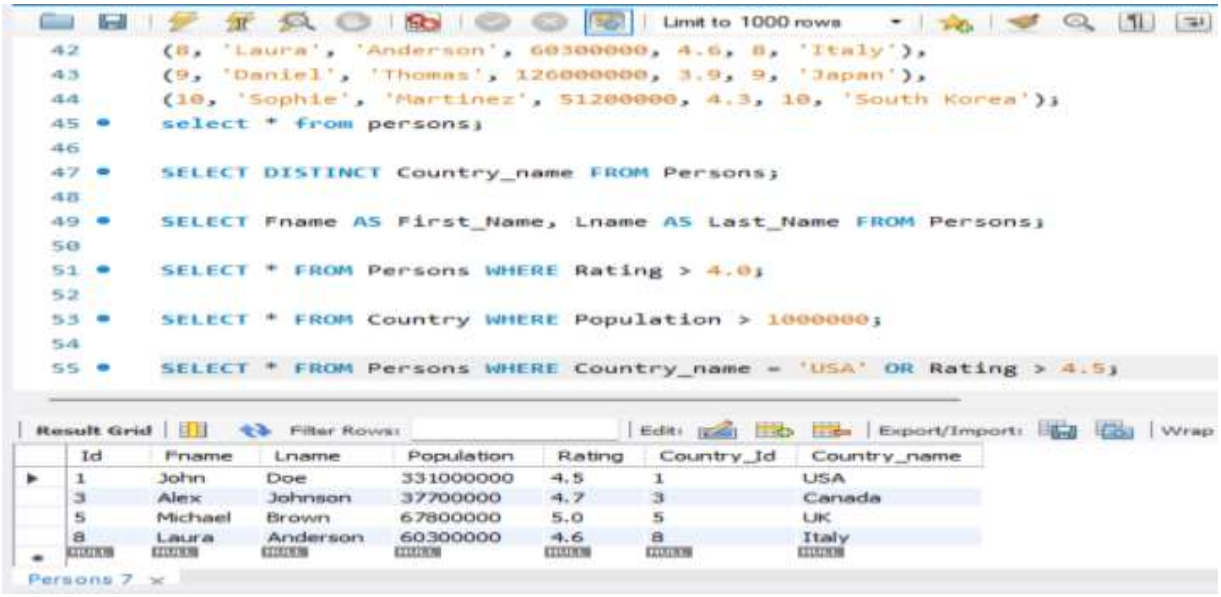
```
40      (6, 'Sarah', 'Taylor', 83000000, 3.6, 6, 'Germany'),
41      (7, 'David', 'Wilson', 67000000, 4.2, 7, 'France'),
42      (8, 'Laura', 'Anderson', 60300000, 4.6, 8, 'Italy'),
43      (9, 'Daniel', 'Thomas', 126000000, 3.9, 9, 'Japan'),
44      (10, 'Sophie', 'Martinez', 51200000, 4.3, 10, 'South Korea');
45 •    select * from persons;
46
47 •    SELECT DISTINCT Country_name FROM Persons;
48
49 •    SELECT Fname AS First_Name, Lname AS Last_Name FROM Persons;
50
51 •    SELECT * FROM Persons WHERE Rating > 4.0;
52
53 •    SELECT * FROM Country WHERE Population > 1000000;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Cont

Id	Country_name	Population	Area
1	USA	331000000	9833520
2	India	1380000000	3287263
3	Canada	37700000	9984670
4	Australia	25600000	7692024
5	UK	67800000	243610

Country 6

Find persons who are from 'USA' or have a rating greater than 4.5.



```
(8, 'Laura', 'Anderson', 60300000, 4.6, 8, 'Italy'),
(9, 'Daniel', 'Thomas', 126000000, 3.9, 9, 'Japan'),
(10, 'Sophie', 'Martinez', 51200000, 4.3, 10, 'South Korea');
select * from persons;

SELECT DISTINCT Country_name FROM Persons;

SELECT Fname AS First_Name, Lname AS Last_Name FROM Persons;

SELECT * FROM Persons WHERE Rating > 4.0;

SELECT * FROM Country WHERE Population > 1000000;

SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5;
```

Result Grid

Id	Fname	Lname	Population	Rating	Country_Id	Country_name
1	John	Doe	331000000	4.5	1	USA
3	Alex	Johnson	37700000	4.7	3	Canada
5	Michael	Brown	67800000	5.0	5	UK
8	Laura	Anderson	60300000	4.6	8	Italy

Persons 7

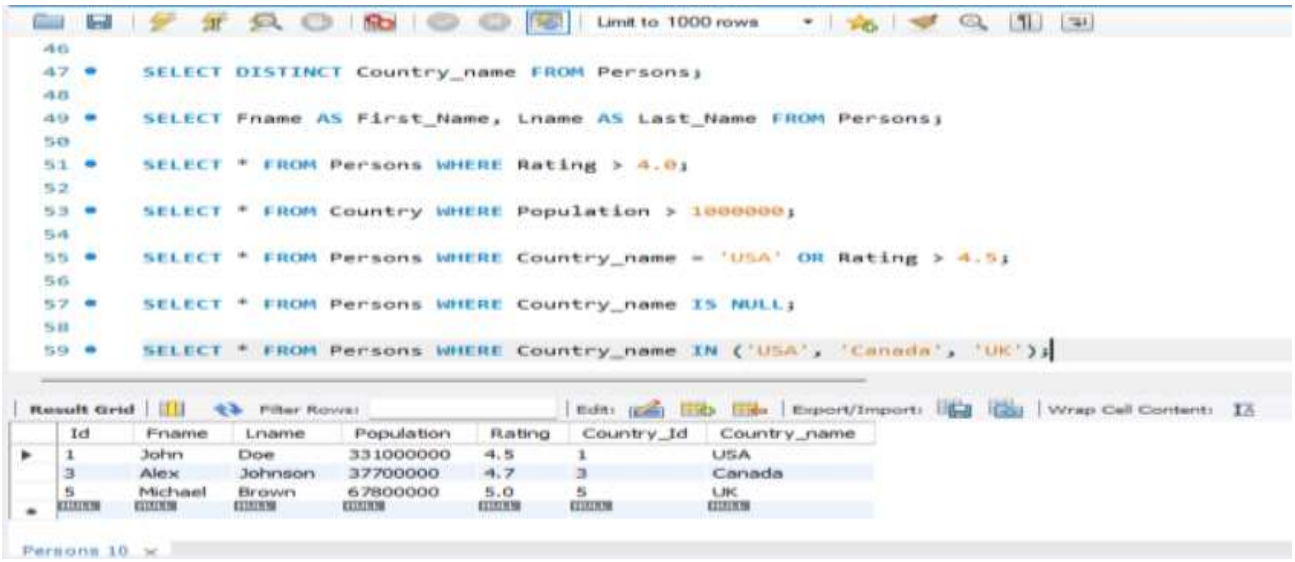
Find all persons where the country name is NULL.

```
(10, 'Sophie', 'Martinez', 51200000, 4.3, 10, 'South Korea');
select * from persons;

SELECT DISTINCT Country_name FROM Persons;

SELECT Fname AS First_Name, Lname AS Last_Name FROM Persons;

SELECT * FROM Persons WHERE Rating > 4.0;

SELECT * FROM Country WHERE Population > 1000000;

SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5;

SELECT * FROM Persons WHERE Country_name IS NULL;
```

Result Grid

Id	Fname	Lname	Population	Rating	Country_Id	Country_name

Find all persons from the countries 'USA', 'Canada', and 'UK'.



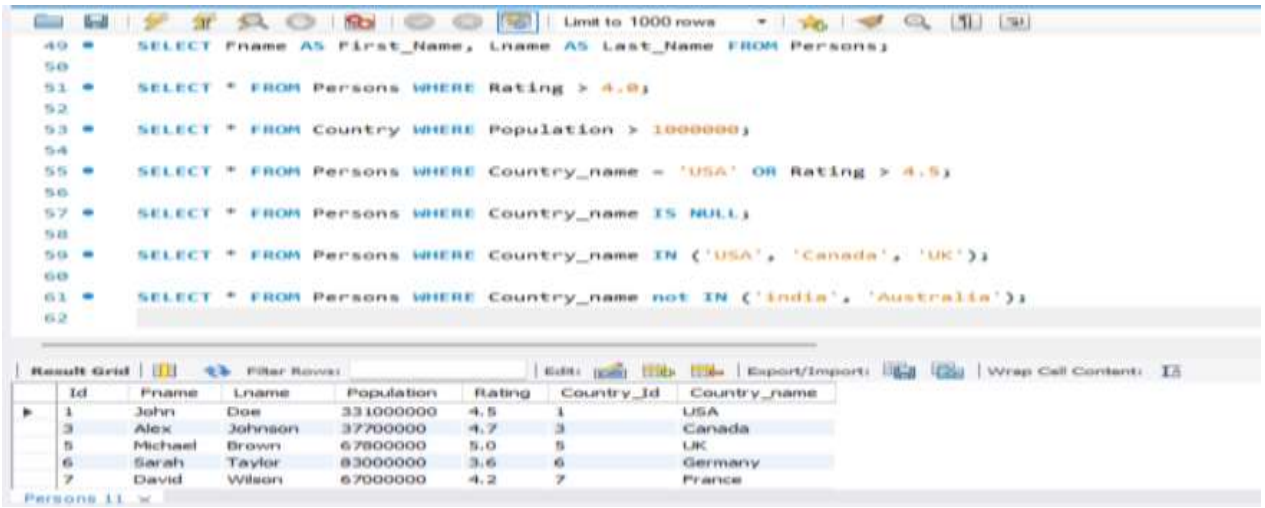
```
46
47 •  SELECT DISTINCT Country_name FROM Persons;
48
49 •  SELECT Fname AS First_Name, Lname AS Last_Name FROM Persons;
50
51 •  SELECT * FROM Persons WHERE Rating > 4.0;
52
53 •  SELECT * FROM Country WHERE Population > 1000000;
54
55 •  SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5;
56
57 •  SELECT * FROM Persons WHERE Country_name IS NULL;
58
59 •  SELECT * FROM Persons WHERE Country_name IN ('USA', 'Canada', 'UK');
```

Result Grid

Id	Fname	Lname	Population	Rating	Country_Id	Country_name
1	John	Doe	331000000	4.5	1	USA
3	Alex	Johnson	37700000	4.7	3	Canada
5	Michael	Brown	67800000	5.0	5	UK

Persons 10

Find all persons not from the countries 'India' and 'Australia'.



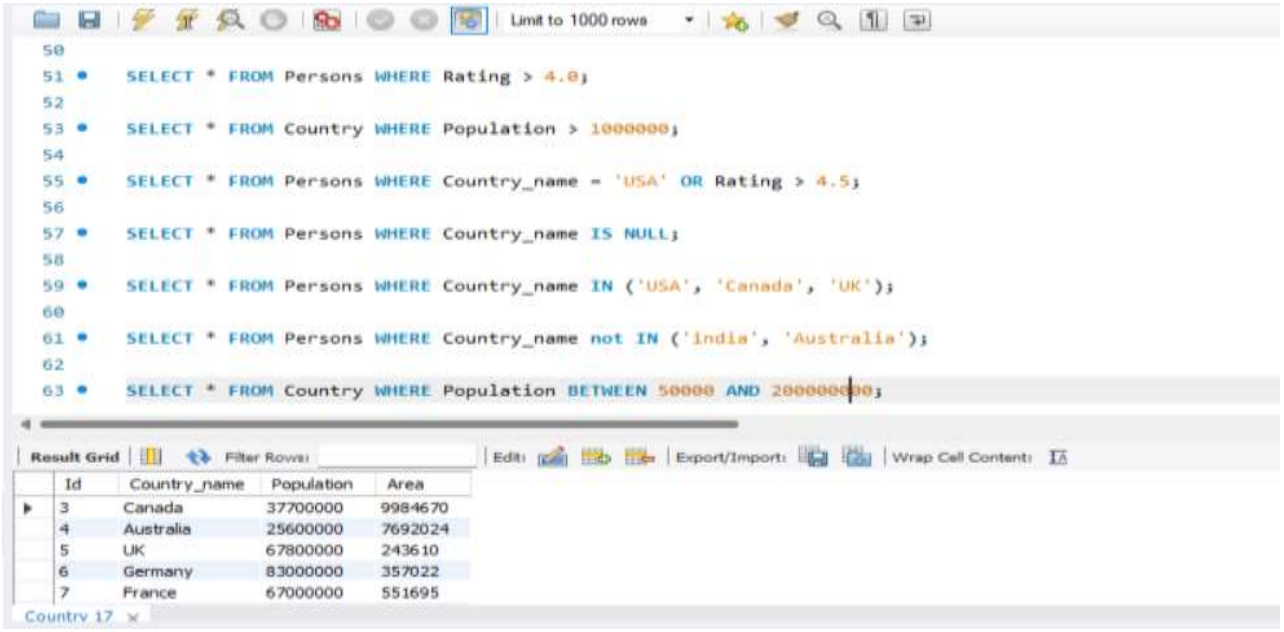
```
49 •  SELECT Fname AS First_Name, Lname AS Last_Name FROM Persons;
50
51 •  SELECT * FROM Persons WHERE Rating > 4.0;
52
53 •  SELECT * FROM Country WHERE Population > 1000000;
54
55 •  SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5;
56
57 •  SELECT * FROM Persons WHERE Country_name IS NULL;
58
59 •  SELECT * FROM Persons WHERE Country_name IN ('USA', 'Canada', 'UK');
60
61 •  SELECT * FROM Persons WHERE Country_name not IN ('India', 'Australia');
62
```

Result Grid

Id	Fname	Lname	Population	Rating	Country_Id	Country_name
1	John	Doe	331000000	4.5	1	USA
3	Alex	Johnson	37700000	4.7	3	Canada
5	Michael	Brown	67800000	5.0	5	UK
6	Sarah	Taylor	83000000	3.6	6	Germany
7	David	Wilson	67000000	4.2	7	France

Persons 11

Find all countries with a population between 5 lakhs and 200 lakhs.



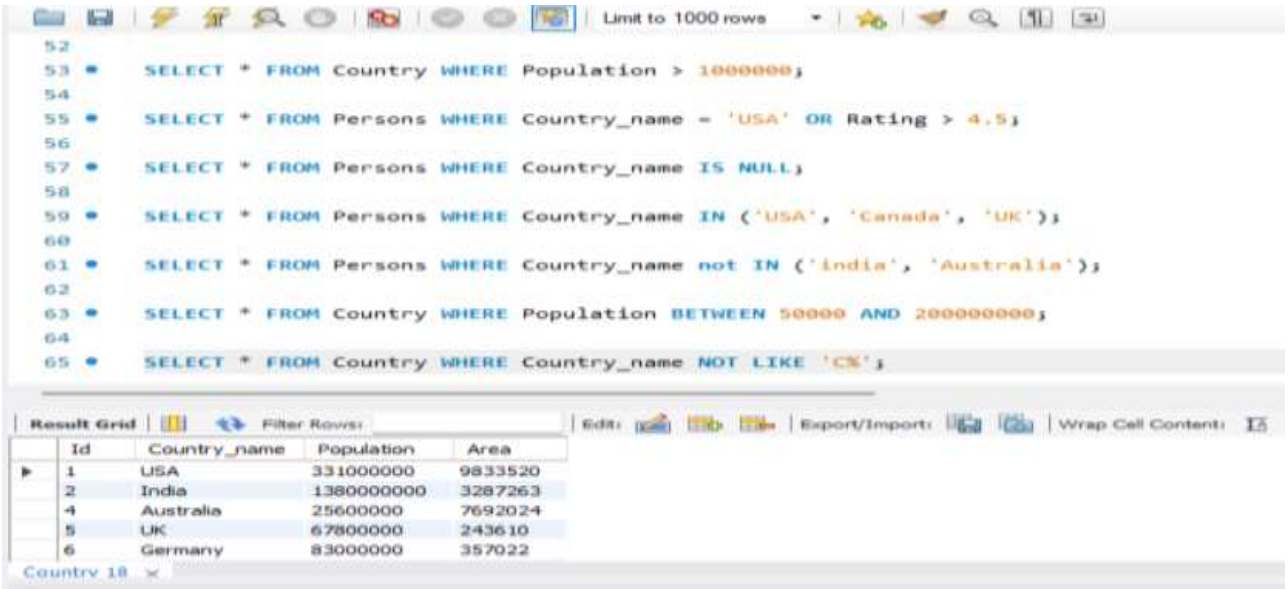
```
50
51 •  SELECT * FROM Persons WHERE Rating > 4.0;
52
53 •  SELECT * FROM Country WHERE Population > 1000000;
54
55 •  SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5;
56
57 •  SELECT * FROM Persons WHERE Country_name IS NULL;
58
59 •  SELECT * FROM Persons WHERE Country_name IN ('USA', 'Canada', 'UK');
60
61 •  SELECT * FROM Persons WHERE Country_name not IN ('india', 'Australia');
62
63 •  SELECT * FROM Country WHERE Population BETWEEN 50000 AND 200000000;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Id	Country_name	Population	Area
3	Canada	37700000	9984670
4	Australia	25600000	7692024
5	UK	67800000	243610
6	Germany	83000000	357022
7	France	67000000	551695

Country 17

Find all countries whose names do not start with 'C'.



```
52
53 •  SELECT * FROM Country WHERE Population > 1000000;
54
55 •  SELECT * FROM Persons WHERE Country_name = 'USA' OR Rating > 4.5;
56
57 •  SELECT * FROM Persons WHERE Country_name IS NULL;
58
59 •  SELECT * FROM Persons WHERE Country_name IN ('USA', 'Canada', 'UK');
60
61 •  SELECT * FROM Persons WHERE Country_name not IN ('india', 'Australia');
62
63 •  SELECT * FROM Country WHERE Population BETWEEN 50000 AND 200000000;
64
65 •  SELECT * FROM Country WHERE Country_name NOT LIKE 'C%';
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Id	Country_name	Population	Area
1	USA	331000000	9833520
2	India	1380000000	3287263
4	Australia	25600000	7692024
5	UK	67800000	243610
6	Germany	83000000	357022

Country 18