## TASK-5

Consider the Country table and Persons table that you created earlier and perform the following:

```
1 •
       CREATE DATABASE indexxx;
 2 •
       USE indexxx;
 3 • ○ CREATE TABLE country (
       Id INT PRIMARY KEY,
 5
       Country name VARCHAR (50) NOT NULL,
 6
       Population BIGINT NOT NULL,
      Area BIGINT NOT NULL );
 7
 8
 9 •
       INSERT INTO country VALUES
10
       (1,"INDIA",1428627663,2973190),
       (2, "CHINA", 1425671352, 9388211),
11
       (3, "UNITED STATES", 339996563, 9147420),
12
13
       (4, "INDONESIA", 277534122, 1811570),
       (5, "PAKISTAN", 240485658, 770880),
14
       (6, "NIGERIA", 223804632, 910770),
15
       (7, "BRAZIL", 216422446, 8358140),
16
       (8, "BANGLADESH", 172954319, 130170),
17
18
       (9, "RUSSIA", 144444359, 16376870),
       (10, "MEXICO", 128455567, 1943950);
19
       SELECT * FROM country;
20 •
```

```
Edit:
                       Population
   Id
         Country name
                                   Area
        INDIA
                       1428627663
                                   2973190
   1
        CHINA
                       1425671352 9388211
   2
        UNITED STATES
                                   9147420
   3
                       339996563
   4
        INDONESIA
                       277534122
                                  1811570
   5
        PAKISTAN
                       240485658
                                   770880
        NIGERIA
                       223804632
                                  910770
   6
   7
        BRAZIL
                       216422446
                                   8358140
   8
        BANGLADESH
                       172954319
                                  130170
   9
        RUSSIA
                       144444359
                                   16376870
                                   1943950
        MEXICO
                       128455567
   10
  NULL
        NULL
                       NULL
                                  NULL
22 • 

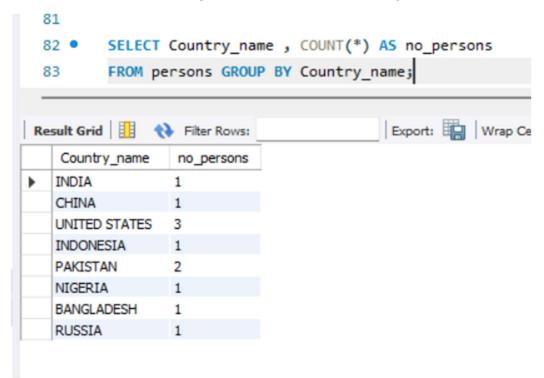
CREATE TABLE persons (
        Id INT PRIMARY KEY,
23
24
        First name VARCHAR (50),
25
        Last_name VARCHAR (50),
        Population BIGINT,
26
27
        Rating FLOAT,
28
        Country_Id INT ,
29
        Country_name VARCHAR(50),
30
        FOREIGN KEY (country_Id) REFERENCES country (Id)
31
       );
32
33 •
        INSERT INTO persons VALUES
         (1, "DHRUV", "RATHEE", 1428627663, 3.8, 1, "INDIA"),
34
35
         (2, "MEI", "CHAO", 1425671352, 3.9, 2, "CHINA"),
36
         (3,"NOAH","OLIVER",339996563,4.6,3,"UNITED STATES"),
37
         (4, "AGUS", "TONO", 277534122, 3.5, 4, "INDONESIA"),
         (5, "SHIBRA", "SHAMEER", 240485658, 4.8, 5, "PAKISTAN"),
38
         (6, "OLUMIDE", "NGOZI", 223804632, 2.8, 6, "NIGERIA"),
39
         (7, "AZKA", "AZLAN", 240485658, 4.8, 5, "PAKISTAN"),
40
41
         (8,"SADIA","FAHIM",172954319,2.1,8,"BANGLADESH"),
         (9, "ALEXANDER", "IVAN", 144444359, 4.0, 9, "RUSSIA"),
42
         (10, "MARIA", "DANIEL", 339996563, 4.6, 3, "UNITED STATES"),
43
44
         (11, "JUSTIN", "FRIDGE", 339996563, 4.6, 3, "UNITED STATES");
45
```

46 •

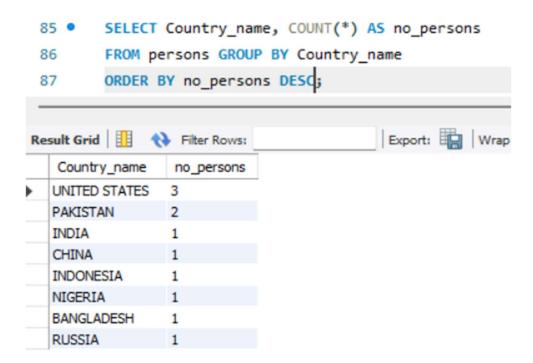
SELECT \* FROM persons;



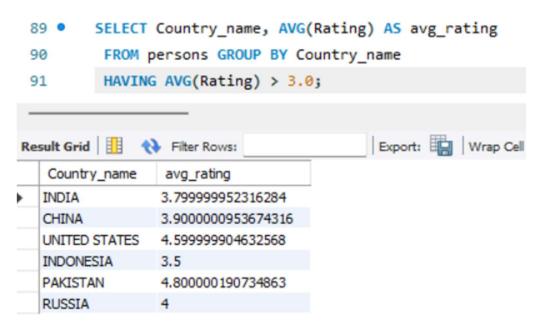
1. Find the number of persons in each country.



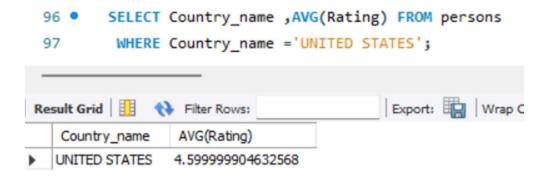
2. Find the number of persons in each country sorted from high to low.



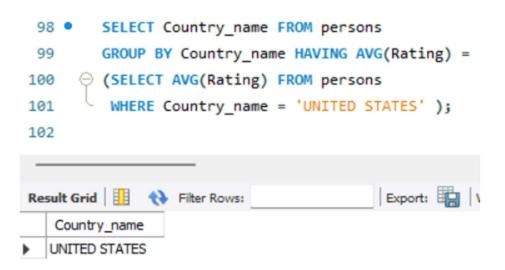
3. Find out an average rating for Persons in respective countries if the average is greater than 3.0



4. Find the countries with the same rating as the USA. (Use Subqueries)



OR



5. Select all countries whose population is greater than the average population of all nations.

