Insert 10 rows to both tables given below.   
Create a table named Country with fields:  

* Id
* Country\_name
* Population
* Area

Create another table named Persons with fields:  

* Id
* Fname
* Lname
* Population
* Rating
* Country\_Id
* Country\_name

1. Write an SQL query to print the first three characters of Country\_name from the Country table.  
2. Write an SQL query to concatenate first name and last name from Persons table.  
3. Write an SQL query to count the number of unique country names from Persons table.  
4. Write a query to print the maximum population from the Country table.  
5. Write a query to print the minimum population from Persons table.  
6. Insert 2 new rows to the Persons table making the Lname NULL. Then write another query to count Lname from Persons table.   
7. Write a query to find the number of rows in the Persons table.  
8. Write an SQL query to return the current date and time.  
9. Write an SQL query to show the population of the Country table for the first 3 rows. (Hint: Use LIMIT)  
  
10. Write a query to print 3 random rows of countries. (Hint: Use rand() function and LIMIT)

SQL query

use country;

CREATE TABLE Country (

Id INT PRIMARY KEY,

Country\_name VARCHAR(25),

Population INT,

Area FLOAT);

CREATE TABLE Persons (

Id INT PRIMARY KEY,

Fname VARCHAR(25),

Lname VARCHAR(25),

Population INT,

Rating INT,

Country\_Id INT,

Country\_name VARCHAR(25),

FOREIGN KEY (Country\_Id) REFERENCES Country(Id));

INSERT INTO Country (Id, Country\_name, Population, Area) VALUES

(1, 'India', 1393409038, 3287263),

(2, 'China', 1444216107, 9596961),

(3, 'USA', 331002651, 9833520),

(4, 'Indonesia', 273523615, 1904569),

(5, 'Pakistan', 220892340, 881912),

(6, 'Brazil', 212559417, 8515770),

(7, 'Nigeria', 206139589, 923768),

(8, 'Bangladesh', 164689383, 147570),

(9, 'Russia', 145934462, 17098242),

(10, 'Mexico', 128932753, 1964375);

select \*from country;

INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country\_Id, Country\_name) VALUES

(1, 'John', 'Doe', 1393409038, 5, 1, 'India'),

(2, 'Jane', 'Smith', 1444216107, 4, 2, 'China'),

(3, 'Michael', 'Johnson', 331002651, 3, 3, 'USA'),

(4, 'Chris', 'Lee', 273523615, 5, 4, 'Indonesia'),

(5, 'Patricia', 'Brown', 220892340, 2, 5, 'Pakistan'),

(6, 'Robert', 'Davis', 212559417, 4, 6, 'Brazil'),

(7, 'Linda', 'Miller', 206139589, 3, 7, 'Nigeria'),

(8, 'James', 'Wilson', 164689383, 4, 8, 'Bangladesh'),

(9, 'Mary', 'Taylor', 145934462, 5, 9, 'Russia'),

(10, 'David', 'Anderson', 128932753, 2, 10, 'Mexico');

select \*from Persons;

SELECT LEFT(Country\_name, 3) AS ShortName FROM Country;

SELECT CONCAT(Fname, ' ', Lname) AS FullName FROM Persons;

SELECT COUNT(DISTINCT Country\_name) AS UniqueCountryCount FROM Persons;

SELECT MAX(Population) AS MaxPopulation FROM Country;

SELECT MIN(Population) AS MinPopulation FROM Persons;

INSERT INTO Persons (Id, Fname, Lname, Population, Rating, Country\_Id, Country\_name) VALUES

(11, 'Alice', NULL, 100000, 3, 1, 'India'),

(12, 'Bob', NULL, 200000, 4, 2, 'China');

select \*from Persons;

SELECT COUNT(Lname) AS CountLname FROM Persons;

SELECT COUNT(\*) AS TotalRows FROM Persons;

SELECT NOW() AS CurrentDateTime;

SELECT Population FROM Country LIMIT 3;

SELECT \* FROM Country ORDER BY RAND() LIMIT 3;

