**Table 1 : Country**

**Code :**

CREATE TABLE Country (

id INT PRIMARY KEY,

country\_name VARCHAR(255),

country\_name\_eng VARCHAR(255),

country\_code CHAR(3)

);

INSERT INTO Country (id, country\_name, country\_name\_eng, country\_code) VALUES

(1, 'Deutschland', 'Germany', 'DEU'),

(2, 'Srbija', 'Serbia', 'SRB'),

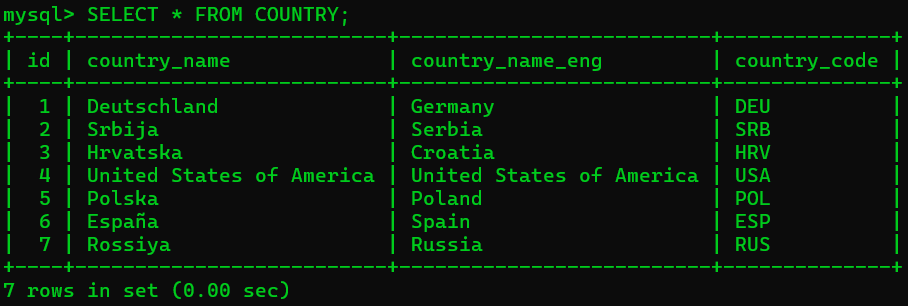
(3, 'Hrvatska', 'Croatia', 'HRV'),

(4, 'United States of America', 'United States of America', 'USA'),

(5, 'Polska', 'Poland', 'POL'),

(6, 'España', 'Spain', 'ESP'),

(7, 'Rossiya', 'Russia', 'RUS');



**Table 2 : City**

**Code :**

CREATE TABLE City (

id INT PRIMARY KEY,

city\_name VARCHAR(255),

lat DECIMAL(10, 6),

lng DECIMAL(10, 6),

country\_id INT, FOREIGN KEY (country\_id) REFERENCES Country(id)

);

INSERT INTO City (id, city\_name, lat, lng, country\_id) VALUES

(1, 'Berlin', 52.520008, 13.404954, 1),

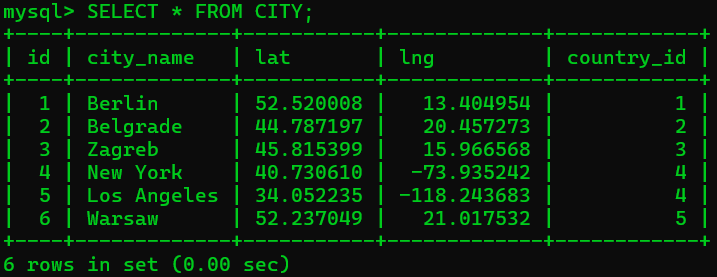
(2, 'Belgrade', 44.787197, 20.457273, 2),

(3, 'Zagreb', 45.815399, 15.966568, 3),

(4, 'New York', 40.730610, -73.935242, 4),

(5, 'Los Angeles', 34.052235, -118.243683, 4),

(6, 'Warsaw', 52.237049, 21.017532, 5);



**Table 3 : Customer**

**Code :**

CREATE TABLE Customer (

id INT PRIMARY KEY,

customer\_name VARCHAR(255),

city\_id INT,

customer\_address VARCHAR(255),

next\_call\_date DATE,

ts\_inserted TIMESTAMP, FOREIGN KEY (city\_id) REFERENCES City(id) );

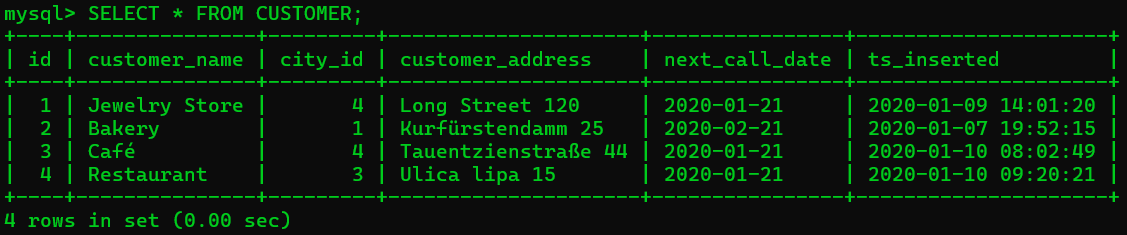
INSERT INTO Customer (id, customer\_name, city\_id, customer\_address, next\_call\_date, ts\_inserted) VALUES

(1, 'Jewelry Store', 4, 'Long Street 120', '2020-01-21', '2020-01-09 14:01:20'),

(2, 'Bakery', 1, 'Kurfürstendamm 25', '2020-02-21', '2020-01-07 19:52:15'),

(3, 'Café', 4, 'Tauentzienstraße 44', '2020-01-21', '2020-01-10 08:02:49'),

(4, 'Restaurant', 3, 'Ulica lipa 15', '2020-01-21', '2020-01-10 09:20:21');



**Task 1 :**

**Code :**

SELECT

c.country\_name\_eng AS country\_name,

ci.city\_name AS city\_name,

cu.customer\_name AS customer\_name

FROM

Country c

LEFT JOIN

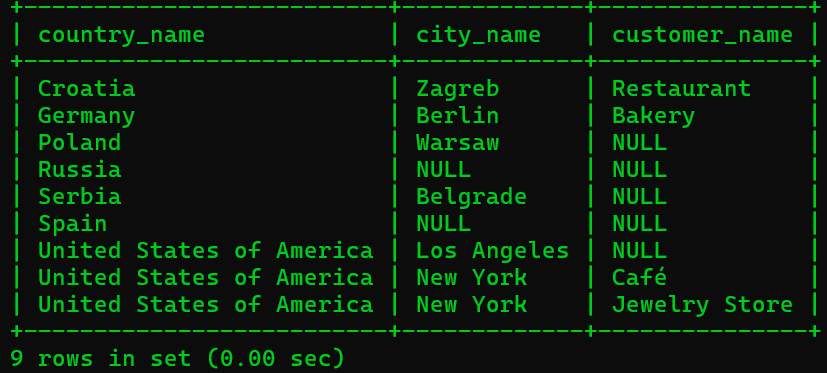
City ci ON c.id = ci.country\_id

LEFT JOIN

Customer cu ON ci.id = cu.city\_id

ORDER BY

c.country\_name\_eng, ci.city\_name, cu.customer\_name;



**Task 2 :**

**Code :**

SELECT

c.country\_name\_eng AS country\_name,

ci.city\_name AS city\_name,

cu.customer\_name AS customer\_name

FROM

Country c

INNER JOIN

City ci ON c.id = ci.country\_id

LEFT JOIN

Customer cu ON ci.id = cu.city\_id

ORDER BY

c.country\_name\_eng, ci.city\_name, cu.customer\_name;

