**TASK COMPLETION REPORT: INSERT DATA IN COUNTRIES TABLE**

**Description of Work Done:**  
I have successfully completed the user story assigned to me, which involved creating the countries table, establishing a foreign key relationship with the regions table, and inserting entries for various countries with unique country\_id values into the table. Below is a brief summary of the work done:

* Created the countries table with columns country\_id (Primary Key with unique country codes), country\_name, and region\_id (Foreign Key referencing region\_id from the regions table).
* Inserted 20 entries for various countries with their corresponding regions into the countries table.

**Step 1: Create the countries Table**

CREATE TABLE countries (

country\_id CHAR(2) PRIMARY KEY,

country\_name VARCHAR(255) NOT NULL,

region\_id INT,

FOREIGN KEY (region\_id) REFERENCES regions(region\_id)

);

**Step 2: DESCRIBE countries**

To display the schema of the countries table, use the following SQL query:

DESCRIBE countries;

**Output:**

| Field | Type | Null | Key | Default | Extra |
| --- | --- | --- | --- | --- | --- |
| country\_id | CHAR(2) | NO | PRI | NULL |  |
| country\_name | VARCHAR(255) | NO |  | NULL |  |
| region\_id | INT | YES | MUL | NULL |  |

**Step 3: Insert Data into the countries Table**

INSERT INTO countries (country\_id, country\_name, region\_id)

VALUES

('NG', 'Nigeria', 1),

('KE', 'Kenya', 1),

('EG', 'Egypt', 1),

('ZA', 'South Africa', 1),

('CN', 'China', 2),

('IN', 'India', 2),

('JP', 'Japan', 2),

('KR', 'South Korea', 2),

('FR', 'France', 3),

('DE', 'Germany', 3),

('IT', 'Italy', 3),

('ES', 'Spain', 3),

('US', 'United States', 4),

('CA', 'Canada', 4),

('MX', 'Mexico', 4),

('AU', 'Australia', 5),

('NZ', 'New Zealand', 5),

('BR', 'Brazil', 6),

('AR', 'Argentina', 6),

('CL', 'Chile', 6);

**Step 4: Confirmation of Data Verification**

I ran the following queries to confirm that the data was correctly inserted and that the table functions as expected:

-- Verify `countries` Table Data

SELECT \* FROM countries;

**Final Table output:**

| **country\_id** | **country\_name** | **region\_id** |
| --- | --- | --- |
| NG | Nigeria | 1 |
| KE | Kenya | 1 |
| EG | Egypt | 1 |
| ZA | South Africa | 1 |
| CN | China | 2 |
| IN | India | 2 |
| JP | Japan | 2 |
| KR | South Korea | 2 |
| FR | France | 3 |
| DE | Germany | 3 |
| IT | Italy | 3 |
| ES | Spain | 3 |
| US | United States | 4 |
| CA | Canada | 4 |
| MX | Mexico | 4 |
| AU | Australia | 5 |
| NZ | New Zealand | 5 |
| BR | Brazil | 6 |
| AR | Argentina | 6 |
| CL | Chile | 6 |