# MYSQL ASSIGNMENT (PRM MODULE)

##### **Problem Statement**

**1.Write a SQL statement to create a table named countries including columns country\_id, country\_name and region\_id and make sure that no countries except Italy, India and China will be entered in the table.**

**Solution:**

CREATE TABLE IF NOT EXISTS countries (

COUNTRY\_ID INT,

COUNTRY\_NAME varchar(40)

CHECK(COUNTRY\_NAME IN('Italy','India','China')) ,

REGION\_ID decimal(10,0)

);

**2- Write a SQL statement to create the duplicate of the countries table named country\_new with all structure and data.**

Here in the following is the structure of the table countries.

| Field | Type | Null | Key | Default | Extra |

| COUNTRY\_ID | varchar(2) | YES | | NULL | |

| COUNTRY\_NAME | varchar(40) | YES | | NULL | |

| REGION\_ID | decimal(10,0) | YES | | NULL | |

**SOLUTION**:

CREATE TABLE IF NOT EXISTS countries (

COUNTRY\_ID varchar(2) NOT NULL UNIQUE PRIMARY KEY,

COUNTRY\_NAME varchar(40) NOT NULL

);

CREATE TABLE IF NOT EXISTS country\_new

AS SELECT \* FROM countries;

SHOW COLUMNS FROM country\_new;

SELECT \* FROM country\_new;