**MySQL DB Script Excercises**

**2.** **Write a SQL Statement to create a database.**

**Query:** Create database GITS

**Sample output**: Database created

**3.** **Write a SQL statement to create a table named countries including columns country\_id,country\_name and region\_id and make sure that no duplicate data against column country\_id will be allowed at the time of insertion.**

**Query:**

create table countries

(

country\_id int primary key,

country\_name varchar(20),

region\_id int

);

**Sample output:**

Table created

**4. Write a SQL statement to create a table named jobs including columns job\_id, job\_title, min\_salary and max\_salary, and make sure that, the default value for job\_title is blank and min\_salary is 8000 and max\_salary is NULL will be entered automatically at the time of insertion if no value assigned for the specified columns.**

**Query:**

CREATE TABLE jobs

(

JOB\_ID INT primary key

, JOB\_title VARCHAR2(20) default ''

, MIN\_SALARY INT DEFAULT 8000

, MAX\_SALARY INT DEFAULT NULL

);

**Sample output:**

Table created.

**5. Write a SQL statement to create a table employees including columns employee\_id, first\_name, last\_name, email, phone\_number hire\_date, job\_id, salary, commission, manager\_id and department\_id**

**Query:**

create table employees

(

employee\_id int primary key,

first\_name varchar(10),

last\_name varchar(10),

email varchar(25),

phone\_number varchar(10),

hire\_date date,

job\_id int,

salary int,

commission int,

manager\_id int,

department\_id int

);

**Sample output:**

Table created.

**6. Write a SQL statement to insert a record with your own value into the table countries against each columns**

**Query:**

insert into COUNTRIES(COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID) values(1,'India',100);

**Sample output:**

1 rows inserted

**7. Write a SQL statement to insert a record with your own value into the table jobs against each columns.**

**Query:**

INSERT INTO JOBS(JOB\_ID,JOB\_TITLE,MIN\_SALARY,MAX\_SALARY) VALUES(11,'Manager',8500,15000);

**Sample output:**

1 rows inserted

**8.** **Write a SQL statement to insert one row in jobs table to ensure that no duplicate value will be entered in the job\_id column**

**Query:**

INSERT INTO JOBS(JOB\_ID,JOB\_TITLE,MIN\_SALARY,MAX\_SALARY) VALUES(11,'Manager',8500,15000)

**Sample output:**

Error report -

ORA-00001: unique constraint (IPT.SYS\_C007257) violated

**9.** **Write a SQL statement to rename the table countries to country\_new.**

**Query:**

ALTER TABLE COUNTRIES RENAME TO COUNTRY\_NEW;

**Sample output:**

Table COUNTRIES altered.

**10. Write a query to display the names (country\_id, country\_name) using alias name “Country ID", "Country Name"**

**Query:**

SELECT COUNTRY\_ID AS "COUNTRY ID",COUNTRY\_NAME AS "COUNTRY NAME" FROM COUNTRY\_NEW;

**Sample output:**

**COUNTRY ID COUNTRY NAME**

1 iNDIA

**11. Write a query to get all country details from the countries table order by country\_name, descending.**

**Query:**

SELECT \* FROM COUNTRY\_NEW ORDER BY COUNTRY\_NAME DESC;

**Sample output:**

**COUNTRY\_ID COUNTRY\_NAME REGION\_ID**

1 India 100

2 America 101