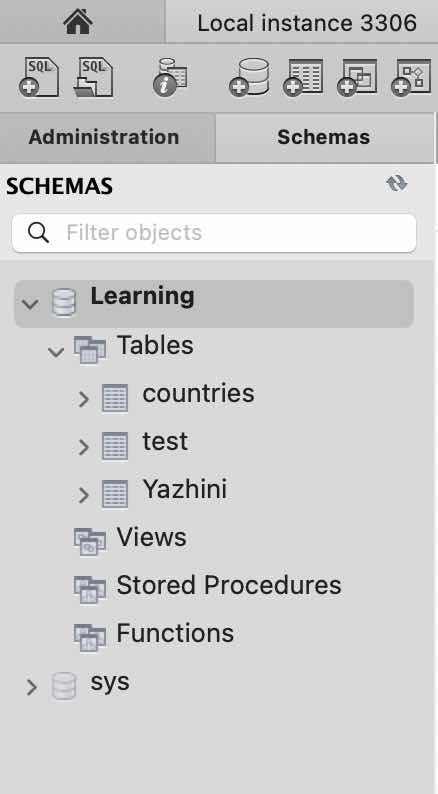
1. Write a SQL Statement to create a database.

**Code:**

create database Learning;

**Output:**

2. 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.

**Code:**

create Table countries (

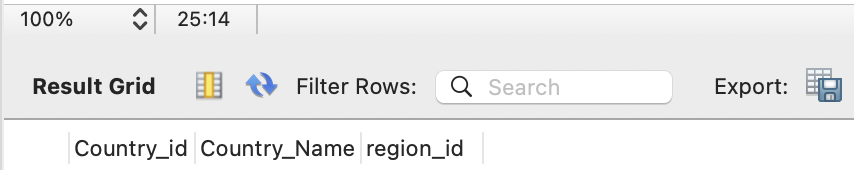
Country\_id varchar (2),

Country\_Name varchar (15),

region\_id varchar (200),

Unique (country\_id)

);

**Output:**

3. 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.

**Code:**

Create table jobs (

job\_id int (30),

job\_title varchar (30),

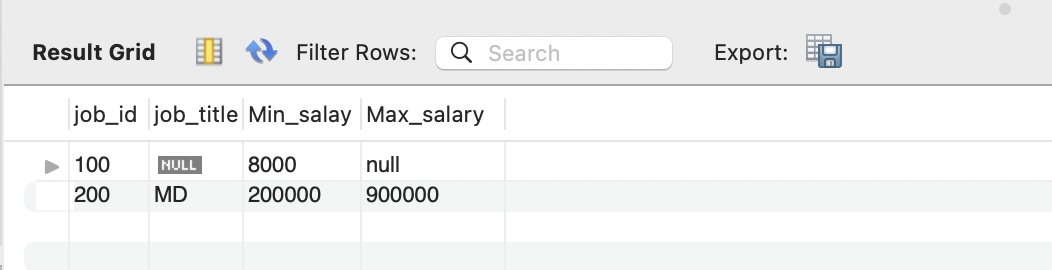
Min\_salay int default '8000',

Max\_salary varchar (255) default 'null',

unique ( job\_id)

);

select \* from jobs

**Output:**

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

**Code:**

create table employee (

employee\_id int (255),

first\_Name longtext,

last\_name longtext,

email varchar (255),

phone\_number int (20),

hire\_date date,

job\_id int (255),

salary decimal (60,5),

commisssion varchar (255),

Manager\_id int (255),

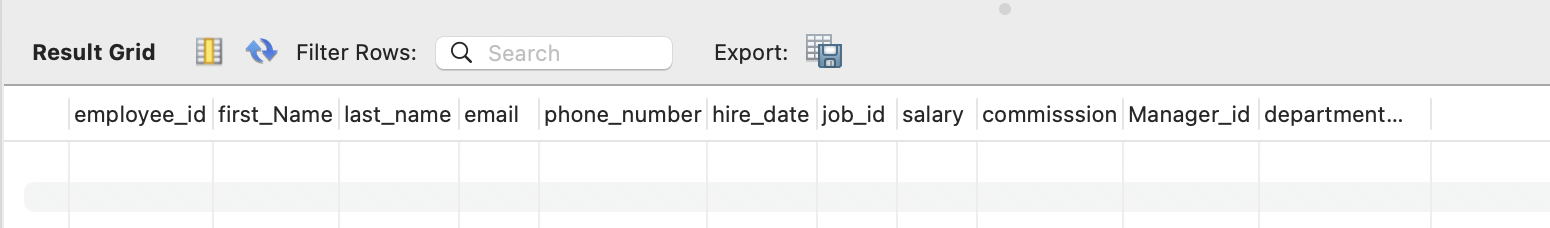
department\_id Varchar (255),

unique (employee\_id),

unique (email),

unique (phone\_number)

);

**Output:**

5. Write a SQL statement to insert a record with your own value into the table countries against each column.

**Code:**

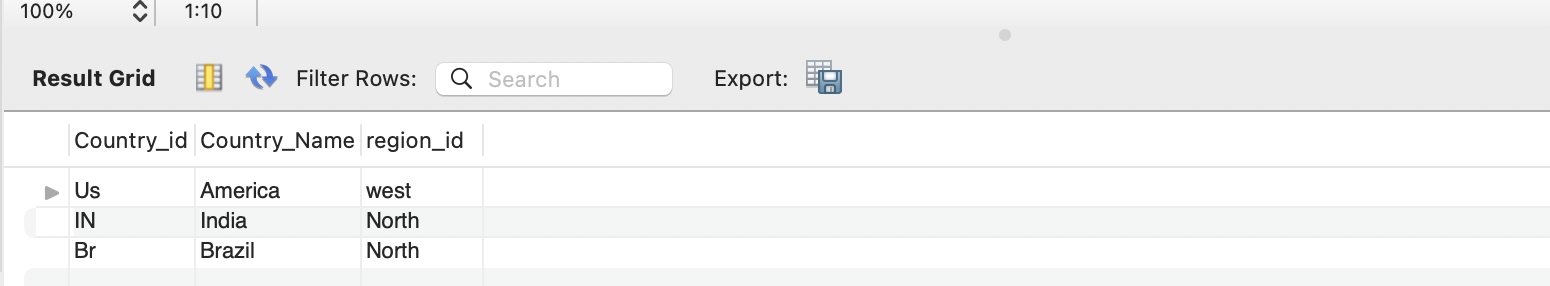
insert into countries

Values ( 'Us', 'America', 'west');

insert into countries

values ( 'IN', 'India', 'North'),( 'Br', 'Brazil', 'North');

SELECT \* FROM countries;

**output:**

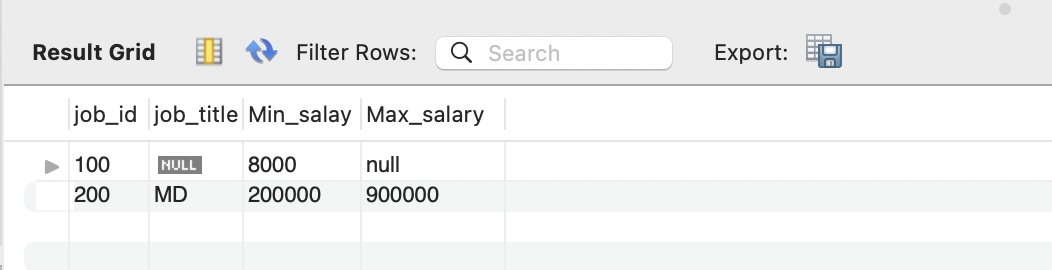
6. Write a SQL statement to insert a record with your own value into the table jobs against each column.

**Code:**

insert into jobs (job\_id) value ( '100');

insert into jobs value ('200', 'MD', '200000', ‘900000’);

select \* from jobs

**Output:**

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

**Code:**

alter table jobs

add job\_name varchar (200);

select \* from jobs;

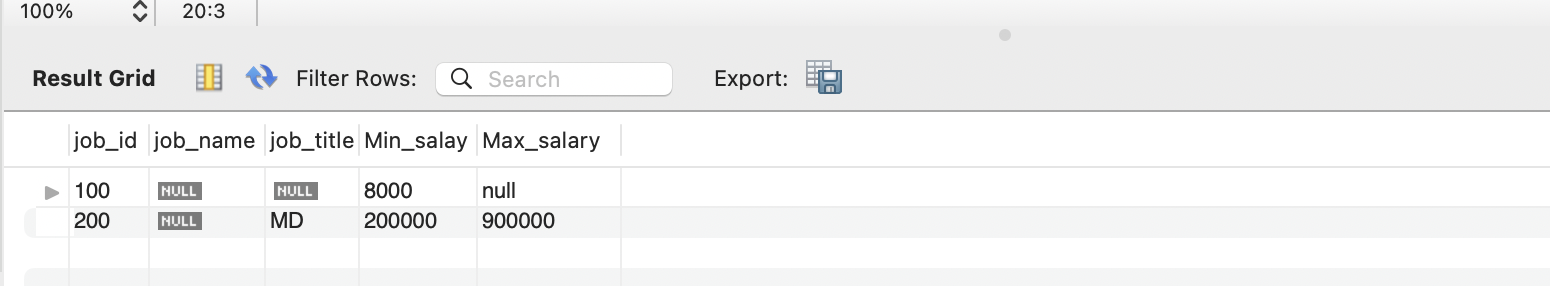
alter table jobs

drop column job\_name;

alter table jobs

add job\_name varchar (200) after job\_id;

alter table jobs add unique (job\_id);

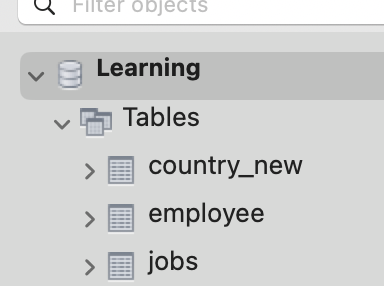
**Output:**

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

**Code:**

rename table countries to country\_new

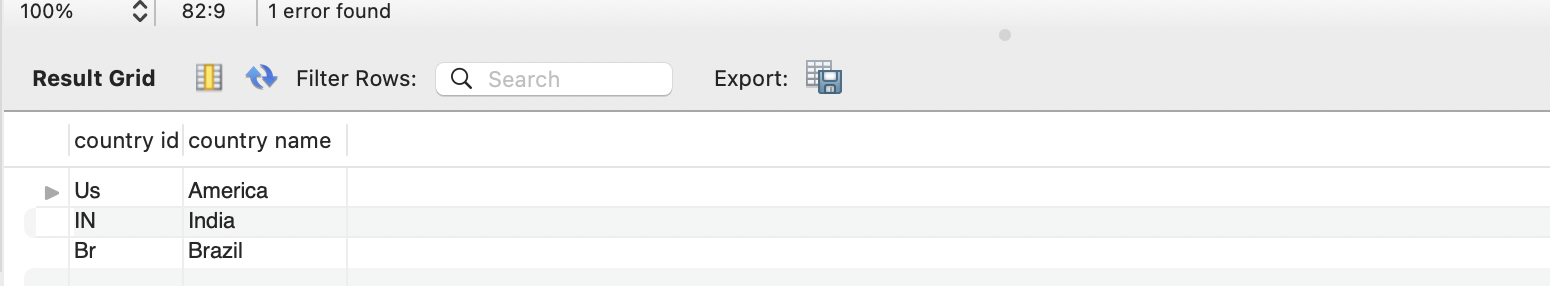
select \* from Country\_new;

**Output:**

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

**Code:**

select Country\_id as 'Country ID', Country\_name as 'country name' from country\_new;

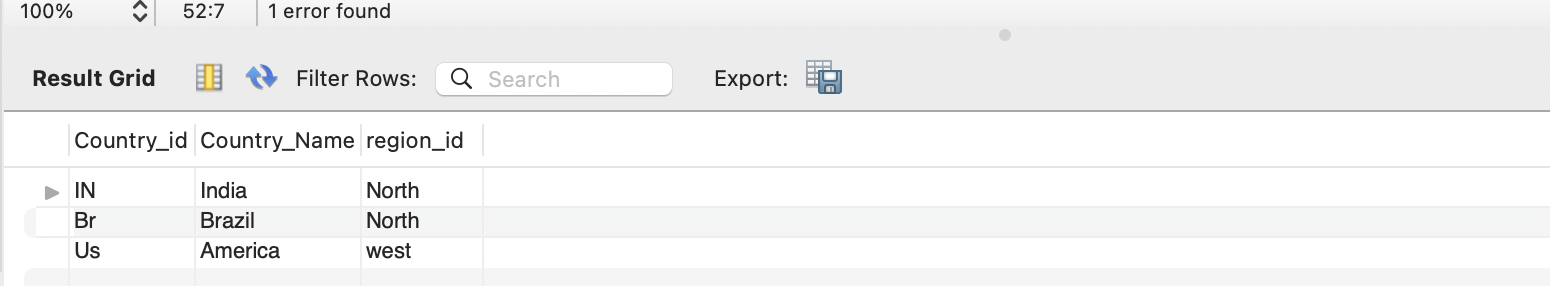
**Output:**

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

**Code:**

rename table Country\_new to Countries;

select \* from Countries order by Country\_name desc;

**Output:**