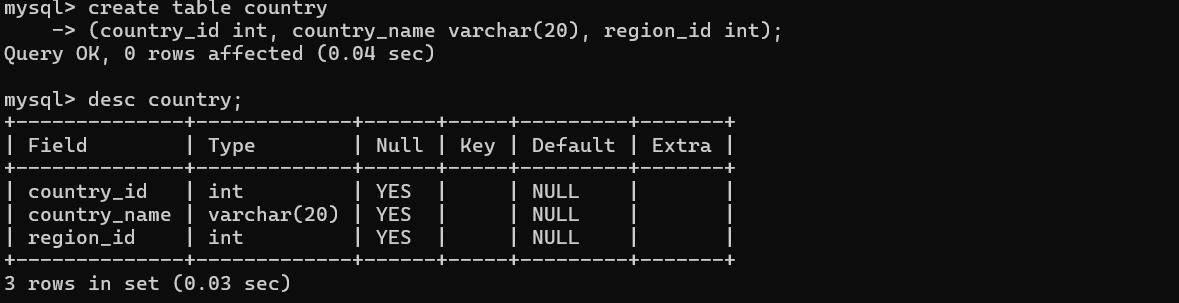
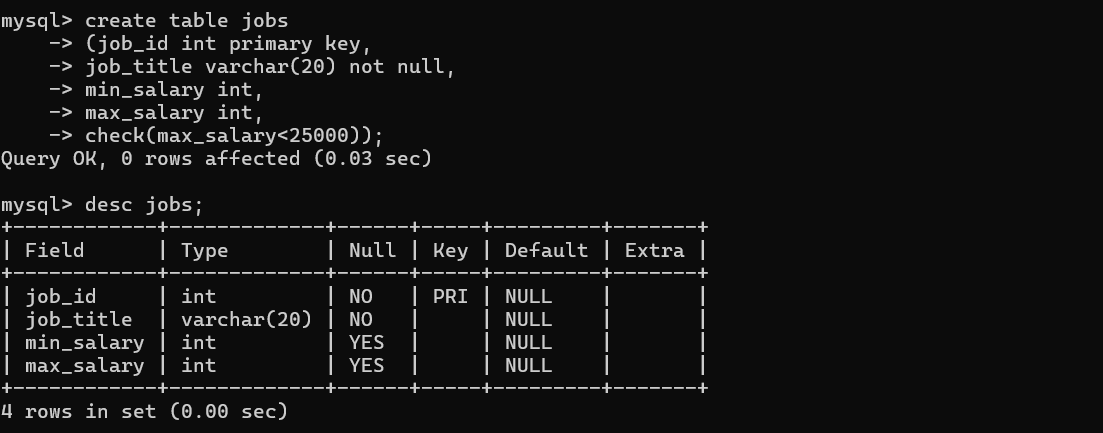
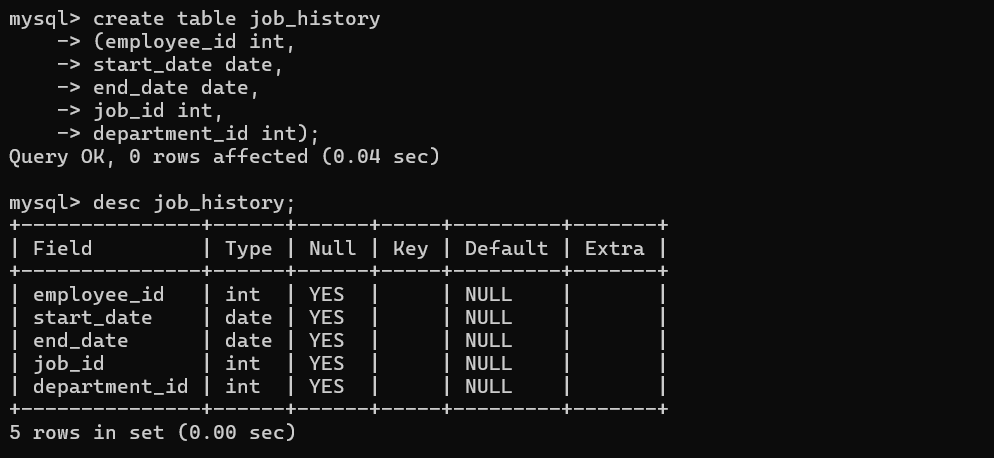
Assignment 1

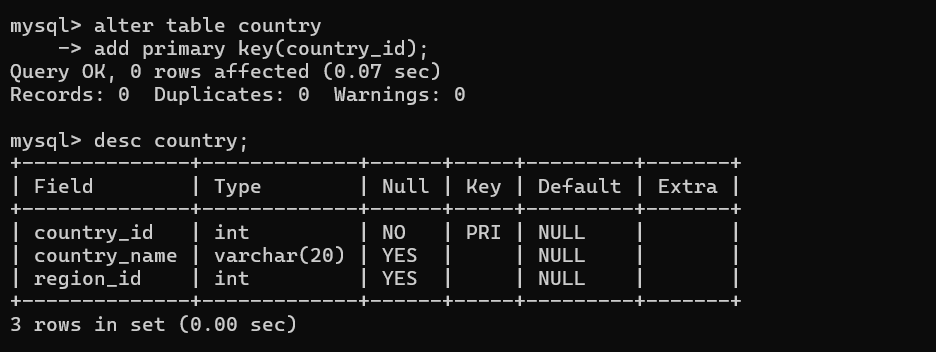
1. Login to MySQL and view all databases already present.

2. Write an SQL statement to create a simple table countries including columns country\_id,country\_name and region\_id. After this display the structure of

table.

3. Write an SQL statement to create a table named jobs including columns job\_id, job\_title, min\_salary, max\_salary and check whether the max\_salary amount exceeding the upper limit 25000. Also set job\_id as primary key and entering null values for job\_title is not allowed.

4. Write a SQL statement to create a table named job\_histry including columns employee\_id, start\_date, end\_date, job\_id and department\_id

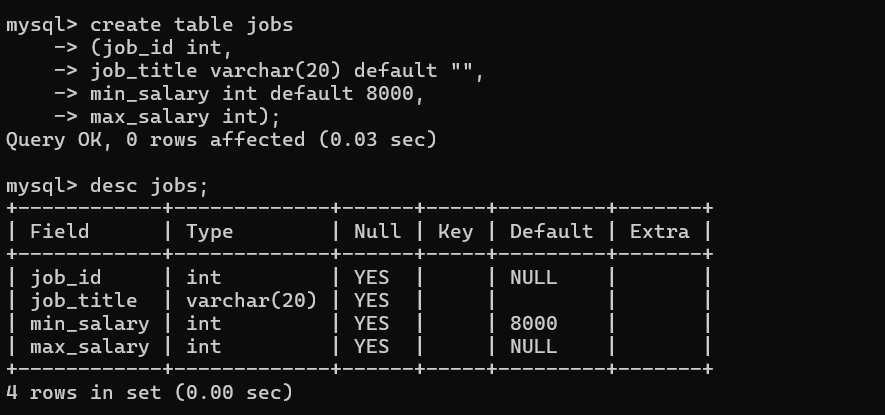
5. Write an SQL statement to alter a table named countries to make sure that no duplicate data against column country\_id will be allowed at the time of insertion.

6. Write an SQL statement to create a table named jobs including columns job\_id,

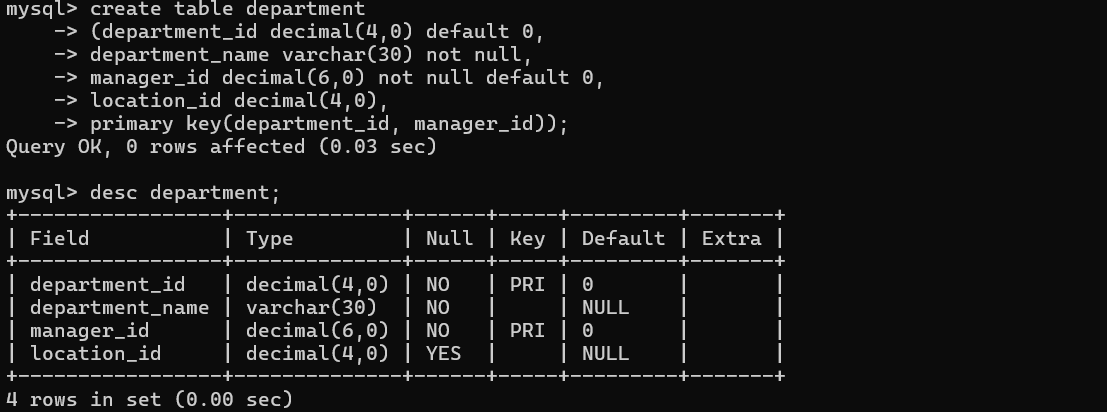
job\_title, min\_salary and max\_salary, and make sure that, the default value

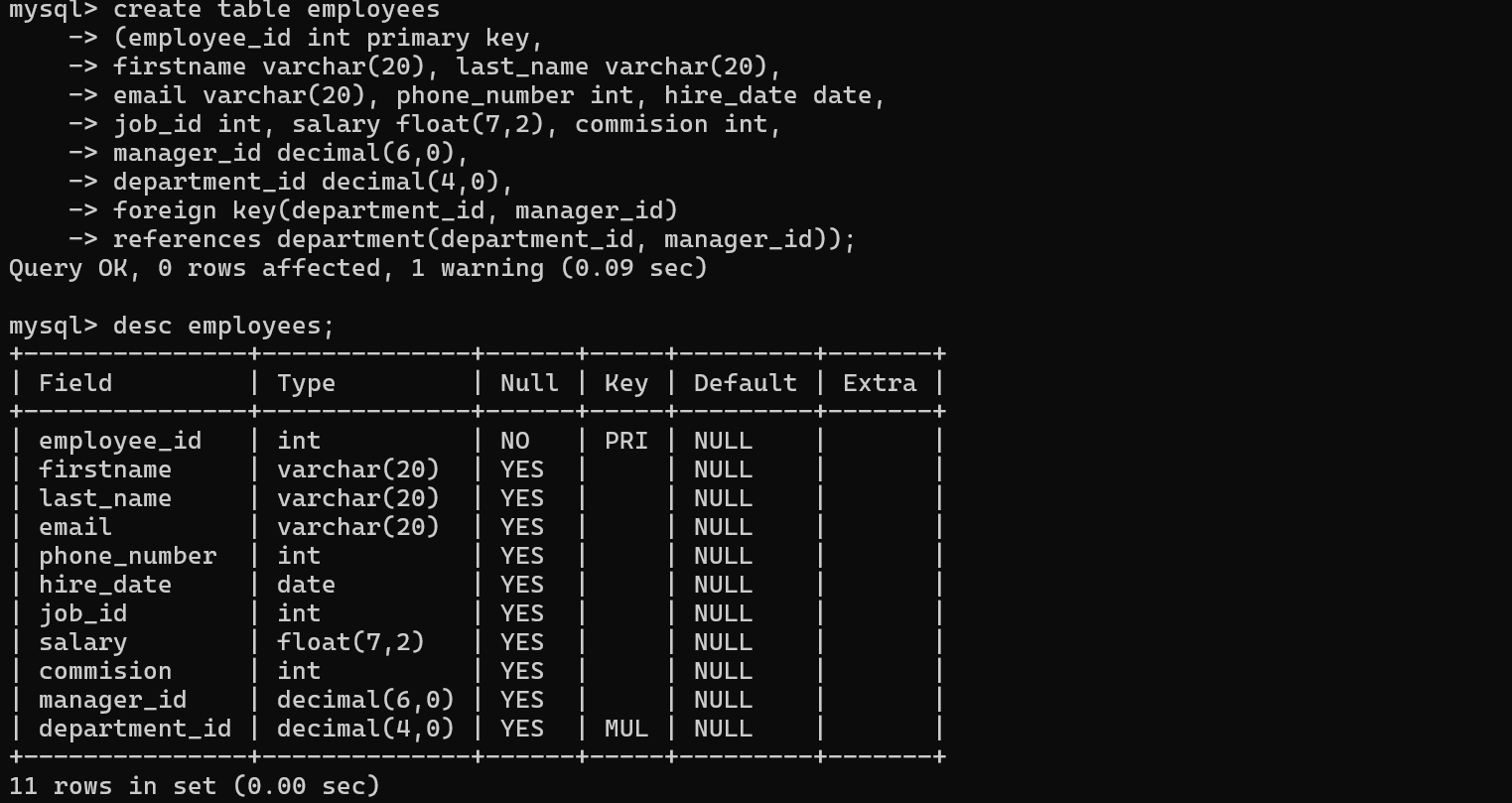
for job\_title is blank and min\_salary is 8000 and max\_salary is NULL will be

entered automatically at the time of insertion if no value assigned for the

specified columns.

7. Create a department table with following structure



8. Write an 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 and make sure that, the employee\_id column does not contain any duplicate value at the time of insertion and the foreign key columns combined by department\_id and manager\_id columns contain only those unique combination values, which combinations are exists in the departments table.