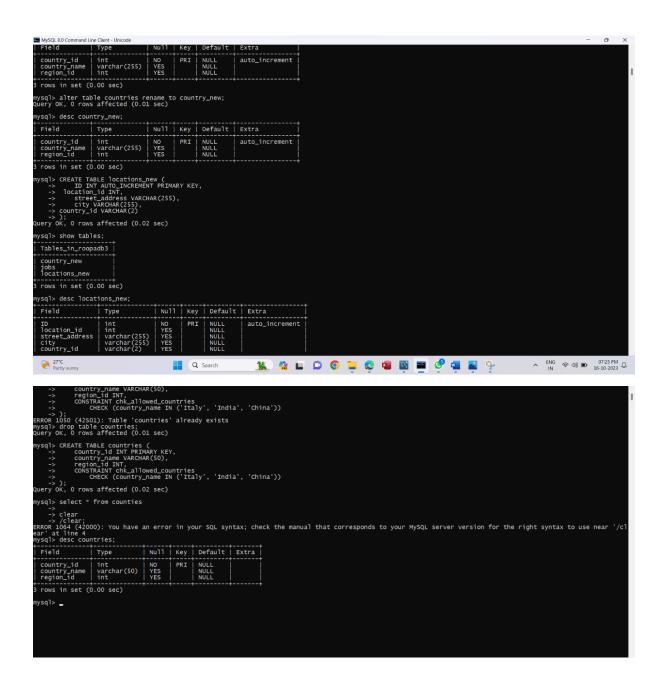
- 1. Write a SQL statement to create a simple table countries including columns country_id,country_name and region_id.
- 2. Write a SQL statement to create a table named jobs including columns job_id, job_title, min_salary, max_salary and check whether the max_salary amount exceeding the upper limit 25000.

```
nysql> CREATE TABLE jobs (

-> job_tid INT PRIMARY KEY,
-> job_tid PARCHAR(SO),
-> min_salary DECIMAL(10, 2) CHECK (max_salary <= 25000)
-> max_salary DECIMAL(20, 2) CHECK (max_salary <= 25000)
-> puery OK, 0 rows affected (0.02 sec)
nysql> desc jobs;

Field | Type | Null | Key | Default | Extra |
job_tid | intar(SO) | No | PRI | NULL |
job_tit | varchar(SO) | YES | NULL |
min_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | decimal(10, 2) | YES | NULL |
max_salary | Mull |
max_salary | M
```



```
rows in set (0.00 sec)
  ysql> use roopadb3;
atabase changed
ysql> show tables;
   Tables_in_roopadb3 |
   countries |
row in set (0.00 sec)
  ysql> CREATE TABLE jobs (
-> job_id INT PRIMARY KEY,
-> job_title VARCHAR(255) DEFAULT '',
-> min_salary INT DEFAULT 8000,
-> max_salary INT
  -> );
uery OK, 0 rows affected (0.02 sec)
  -> region_id iNi
-> );
uery OK, O rows affected (0.02 sec)
 nysql> desc countries;

Field Type | Null | Key | Default | Extra

country_id | int | NO | PRI | NULL | auto_ir |
country_name | varchar(255) | YES | NULL |
rows_in_set_(0_00_esc)
   rows in set (0.00 sec)
 -> );
Query OK, 0 rows affected (0.02 sec)
 mysql> desc countries;

Field | Type | Null |

country_id | int | NO |

country_name | varchar(255) | YES |

region_id | int | YES |

s rows in set (0.00 sec)
                                                 | Null | Key | Default | Extra
                                                                            PRI | NULL
| NULL
| NULL
                                                                                                              auto_increment
 mysql> alter table countries rename to country_new;
Query OK, O rows affected (0.01 sec)
 nysql> desc country_new;

Field Type Null Key Default Extra

country_id int archar(255) YES NULL auto_ir
country_name varchar(255) YES NULL
region_id int YES NULL
B rows in set (0.00 sec)
  ysql> _
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                                                                                                                                                                                                                                                                        0
MySQL 8.0 Command Line Client - Unicode
                   mmand Linc Client - Unicode
first_name VARCHAR(50),
last_name VARCHAR(50),
email VARCHAR(50),
phone_number VARCHAR(20),
hire_date DATE,
job_title_VARCHAR(100),
salary DECIMAL(10, 2),
department VARCHAR(100)
  -> );
uery OK, 0 rows affected (0.02 sec)
 nysql> desc employees;
   Field | Type | Null | Key | Default | Extra
                            int
varchar(50)
varchar(50)
varchar(100)
varchar(20)
date
varchar(100)
decimal(10,2)
varchar(100)
                                                                                                                auto increment
                                                                 NO
YES
YES
YES
YES
YES
YES
YES
YES
   rows in set (0.00 sec)
 nysql> UPDATE employees
-> SET email = 'not available';
Duery OK, O rows affected (0.00 sec)
Rows matched: O Changed: O Warnings: O
  ysql> desc employees;
  rield Type
employee_id int
first_name varchar
last_name varchar
email
phone_number varchar
hire_date
allarvie date
allarvie decimal
department varchar
                                                                 Null | Key | Default | Extra
  remployee_id int
first_name varchar(50)
last_name varchar(50)
email varchar(100)
phone_number varchar(20)
hire_date date varchar(100)
salary decimal(100,2)
department varchar(100)
rows in set (0.00 sec)
                                                                                         NO
YES
YES
YES
YES
YES
YES
YES
YES
```

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