Laboratory work #6

Please write SQL queries for following tasks and save as **.sql file.**

Create database called «lab6»

1. Create table “employees ” including columns emp_id(auto increment integer), first_name(varchar with limit 20), last_name(varchar with limit 40), salary(integer not null), begin_date(date), end_date(date) and job_title(varchar with limit 50), and make sure that, the default value for job_title is blank.
   Table “department” including columns department_id(auto increment integer not null primary key), emp_id(references to id in table employees), department_name(string with limit 5), email(string with length 40, must be unique), phone_number(string with length 12), hire_date(timezone without time), commission(float number).
2. In the table “employees” make sure that the end date is always greater than or equal to the begin date and the begin date is greater than or equal 2000-01-01.
3. In the table “employees” salary should be greater than 65000(use name chk_salary).
4. Last_name must be unique to enable the system to distinguish between 2 employees when they logged in.
5. Remove chk_salary from table “employees”.
6. Write a query that returns us the name of the foreign key constraint.
7. In the “department” table, the type column department_name can contain one of this values(“FIT”, “BS”, “FEOG”, “FGGE”).
8. Please remove emp_id from table “employees”.
9. Write a query that displays a list of employees with last names that are in alphabetical order after the last name “Fleming”.
10. Need to remove an existing UNIQUE constraint.