Laboratory work #6

Please write SQL queries for following tasks and save as name_surname_lab6.sql file.(name_surname -your name and surname)

1. Create table Employees including columns of Employees table from previous lab. Make sure, that First_Name and Phone_Number can not be blank.
2. Create table Departments including columns department_id(auto increment integer not null primary key), department_name(string with limit 20), email(string with length 40, must be unique), phone_number(string with length 12), min_salary(integer number), max_salary(integer number). Make sure, that default value for the column email is 'default@gmail.com'
3. In the table Employees and Departments make sure, that email is correct
   (correct email must contain @ and .ru/.com/.kz and etc)
4. In the table Departments phone_number should begin with '+7' not with '8'(use constraint name const_ph_no).
5. In the table Employees the column department_id should be referenced to the column department_id in the Departments table
6. Add rows to the Departments table with values ('default', 'Data Science', 'ds@mail.ru', '87777777777', 70000, 60000). Explain result of this task
7. Add integer column bonus to the table Employees
8. In the table Employees the column Bonus should be greater than 10% of Salary
9. Show names and conditions of all constraints
10. Remove constraint from phone_number