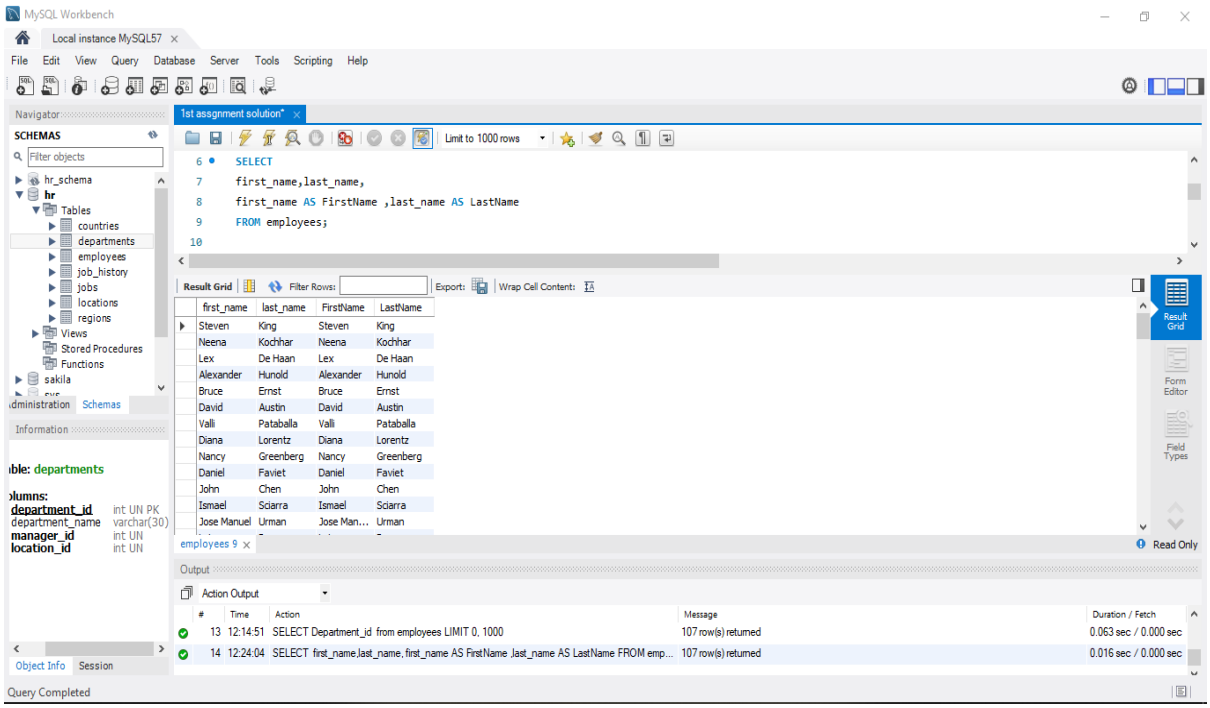
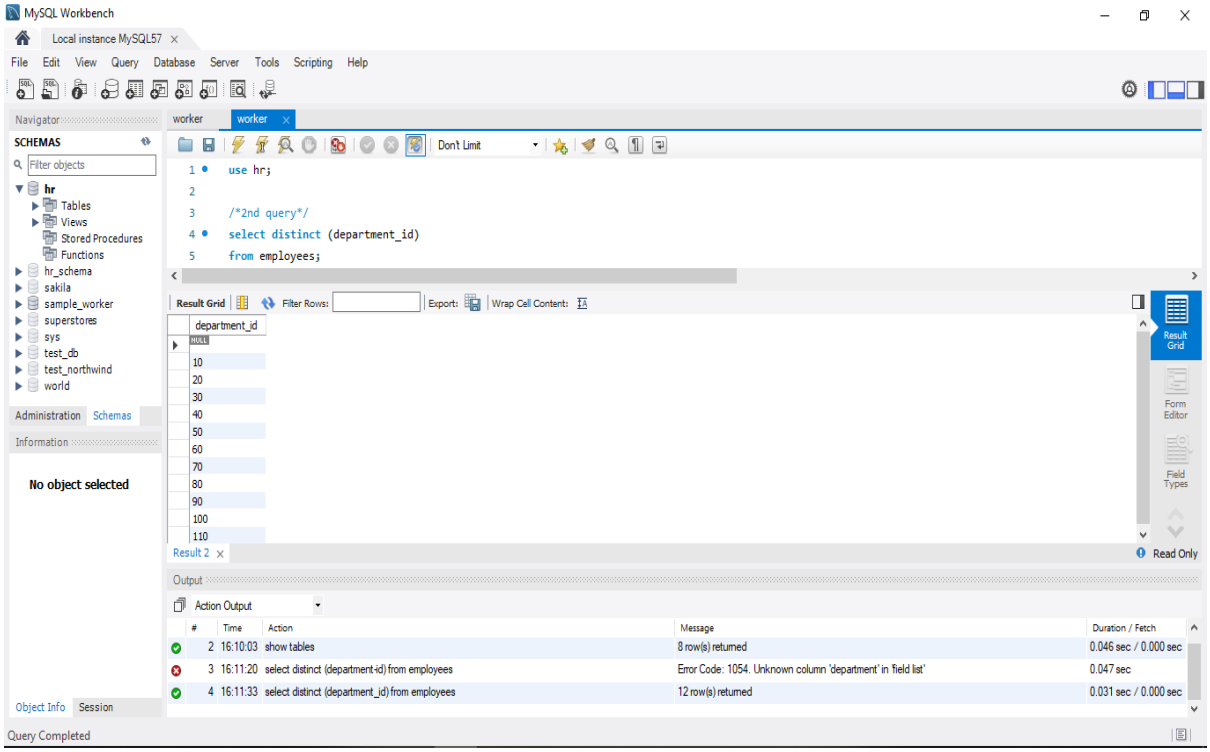
ASSIGNMENT (1)

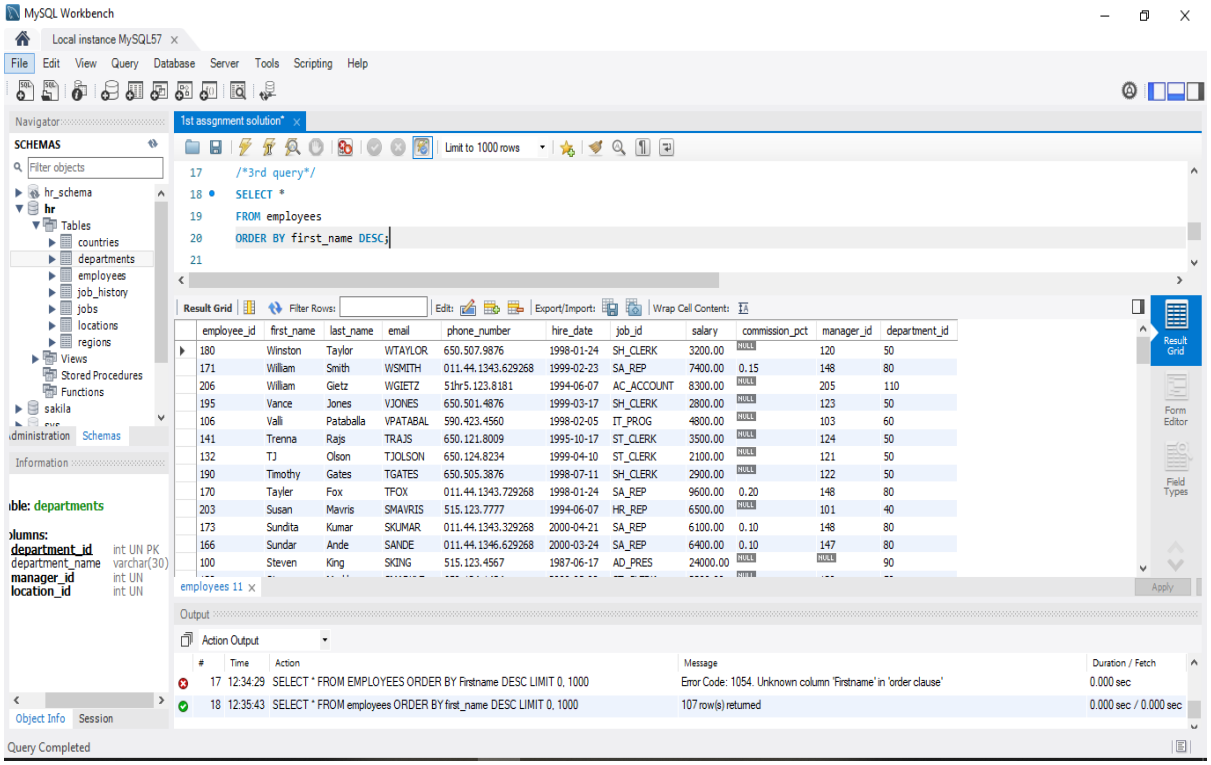
1) Query to display the names with aliases



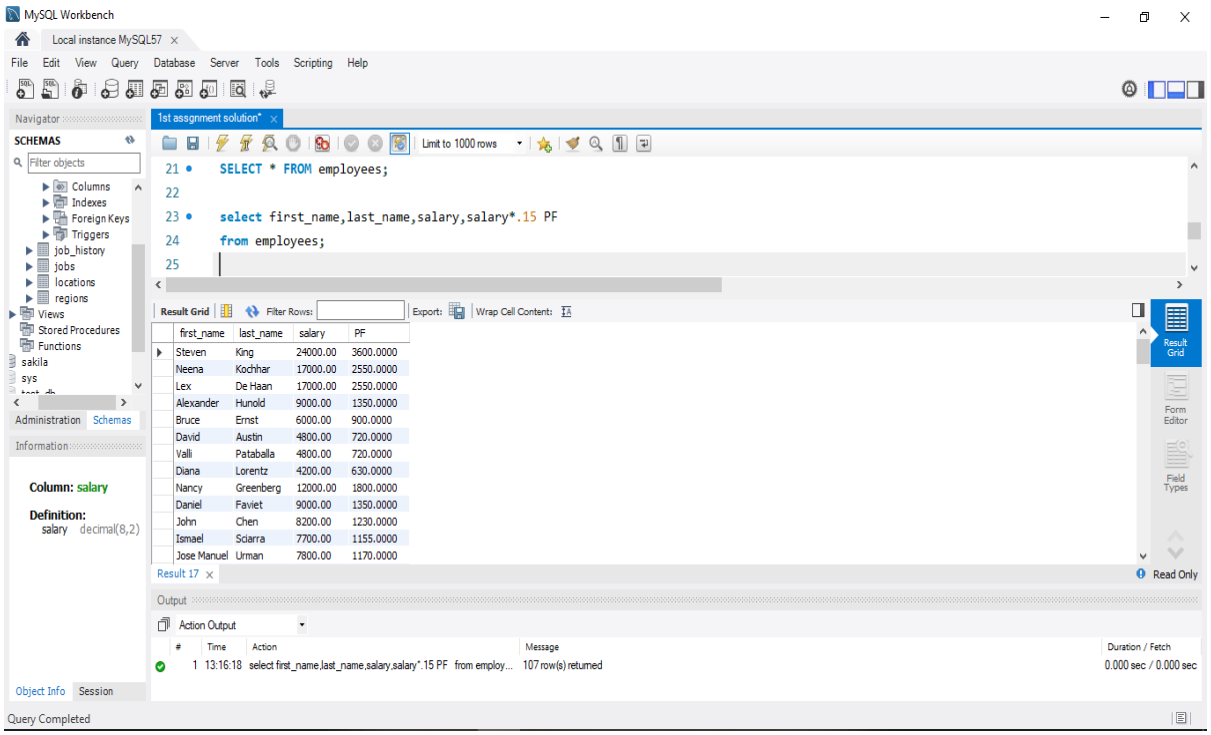
2) Query to get unique department id from employees table



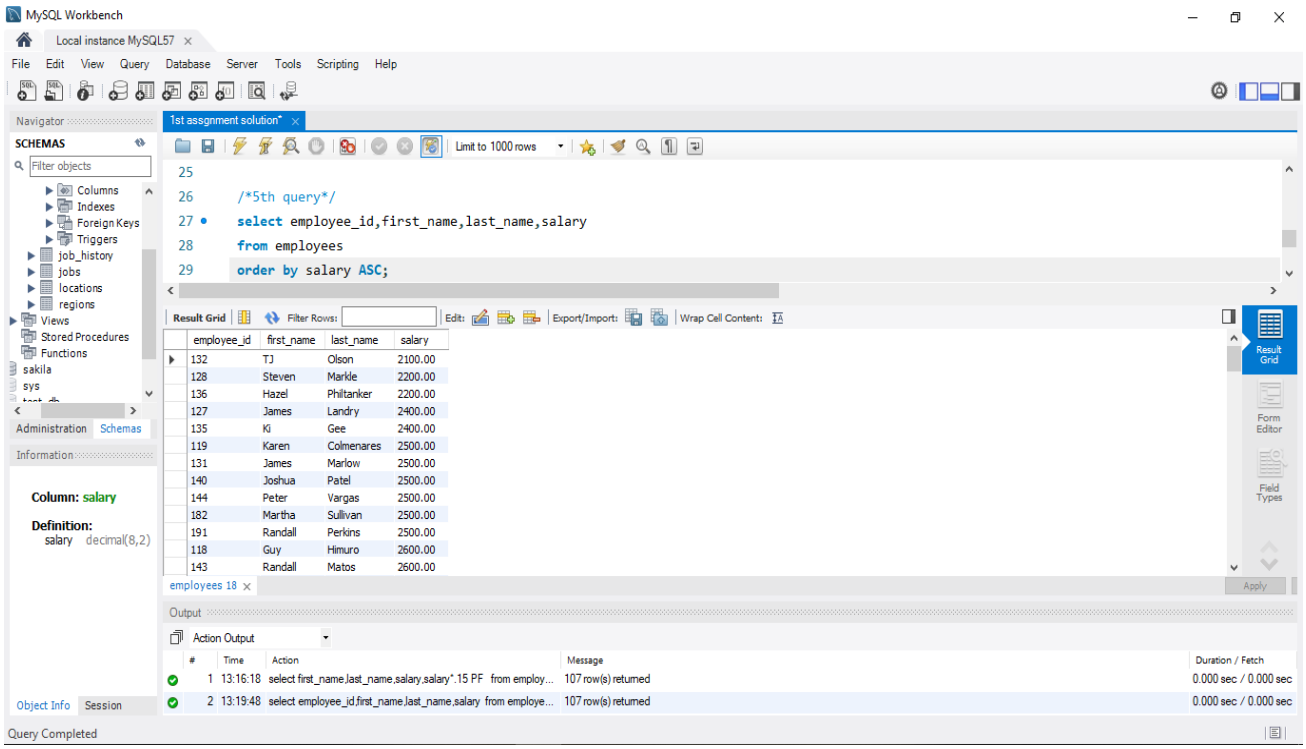
3) A query to get all employee details from the employee table order by first name, descending



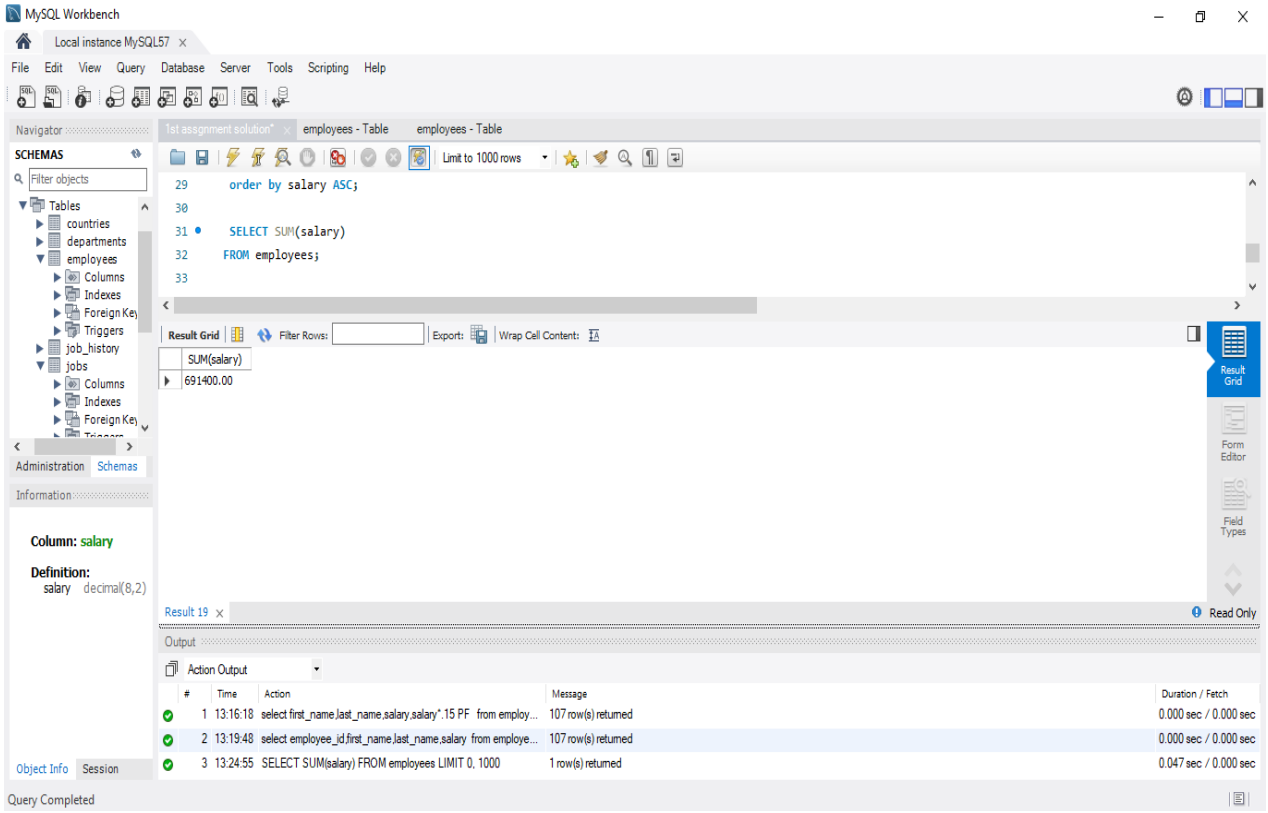
4) A query to get the names (first_name, last_name), salary, PF of all the employees (PF is calculated as 15% of salary)



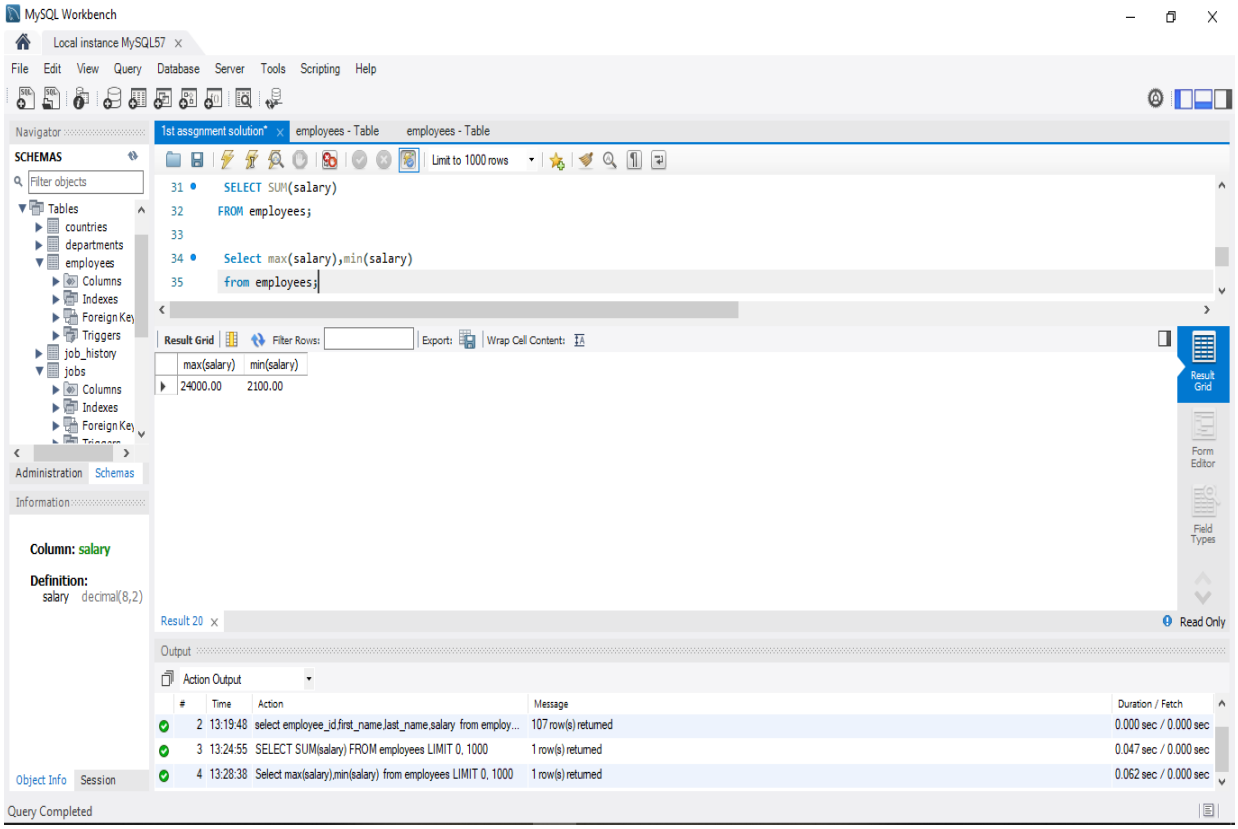
5) Query to get the employee ID, names (first_name, last_name), salary in ascending order of salary



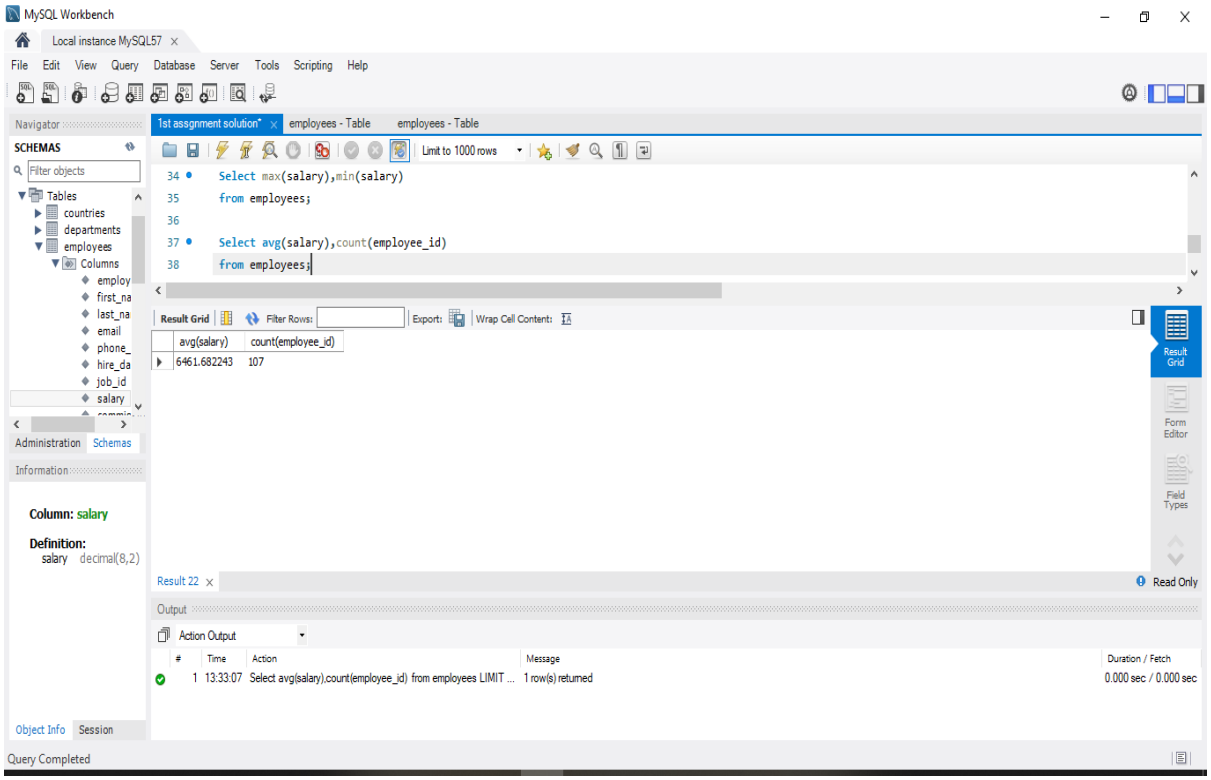
6) Query to get the total salaries payable to employees



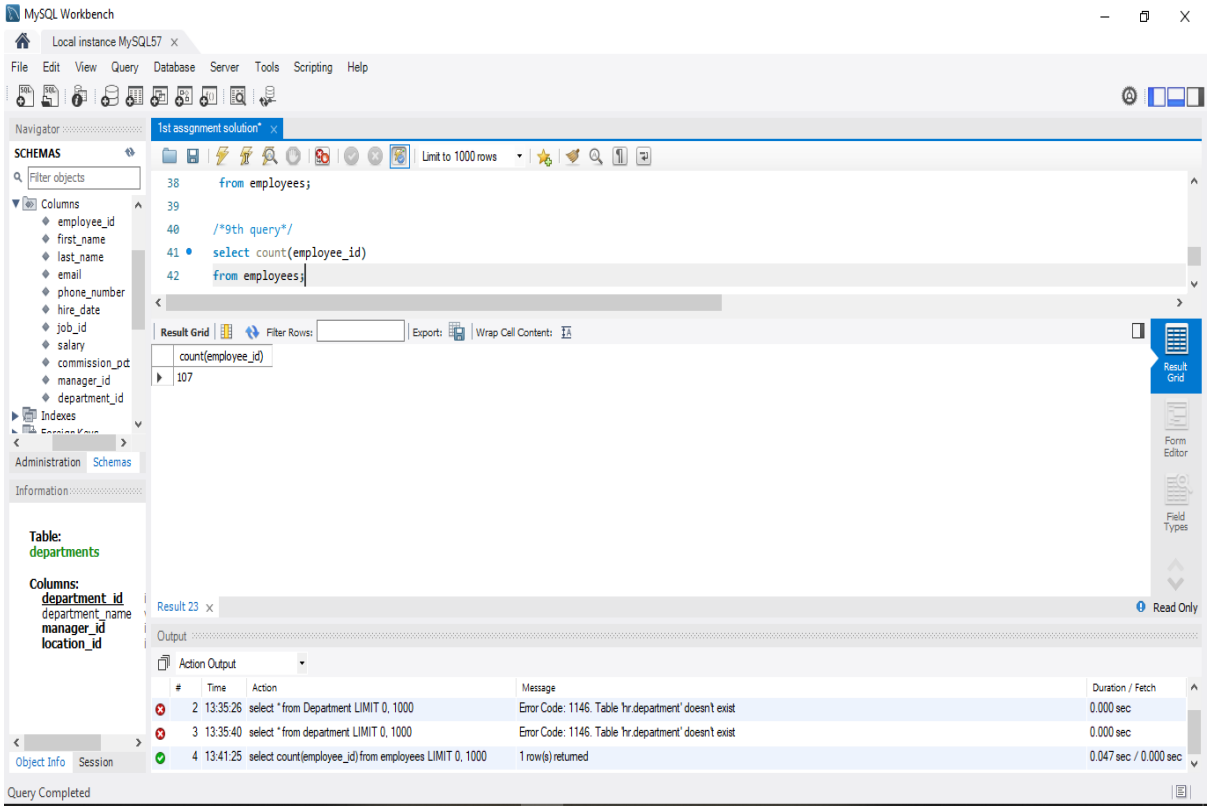
7) Query to get the maximum and minimum salary from employees table



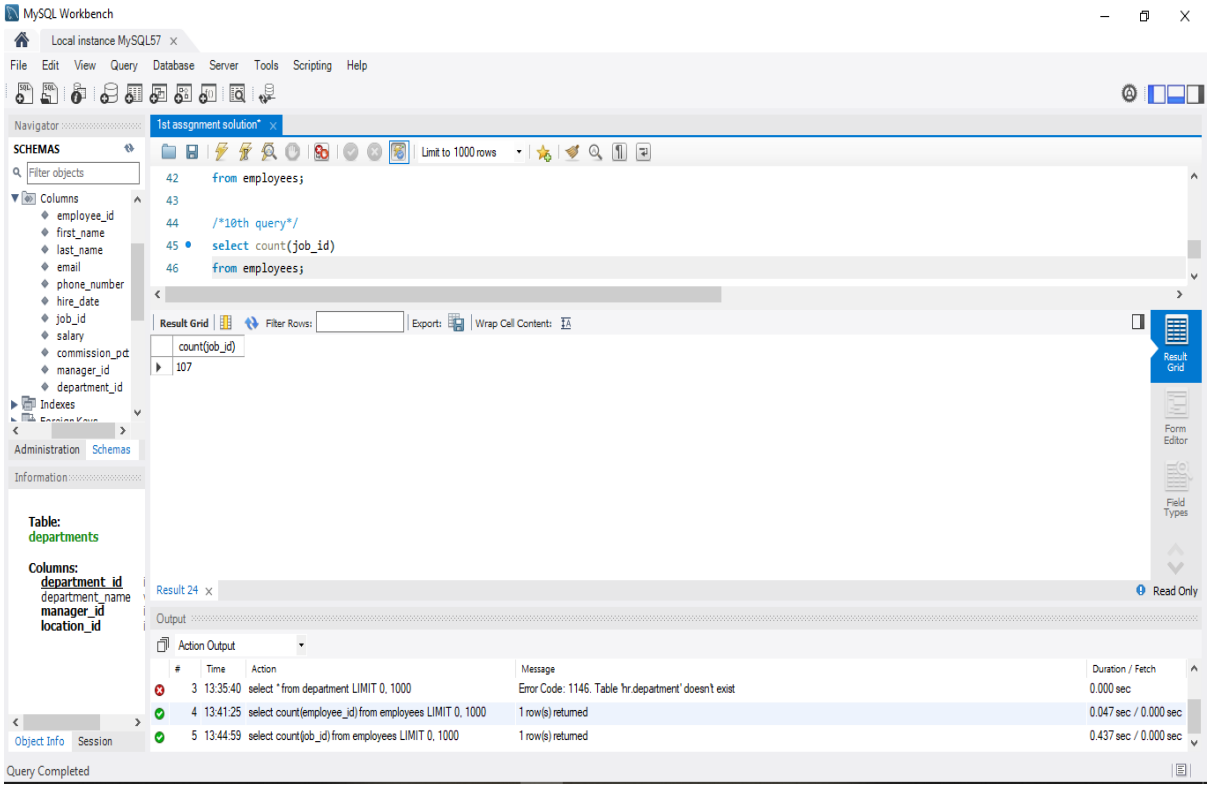
8) Query to get the average salary and number of employees in the employees table



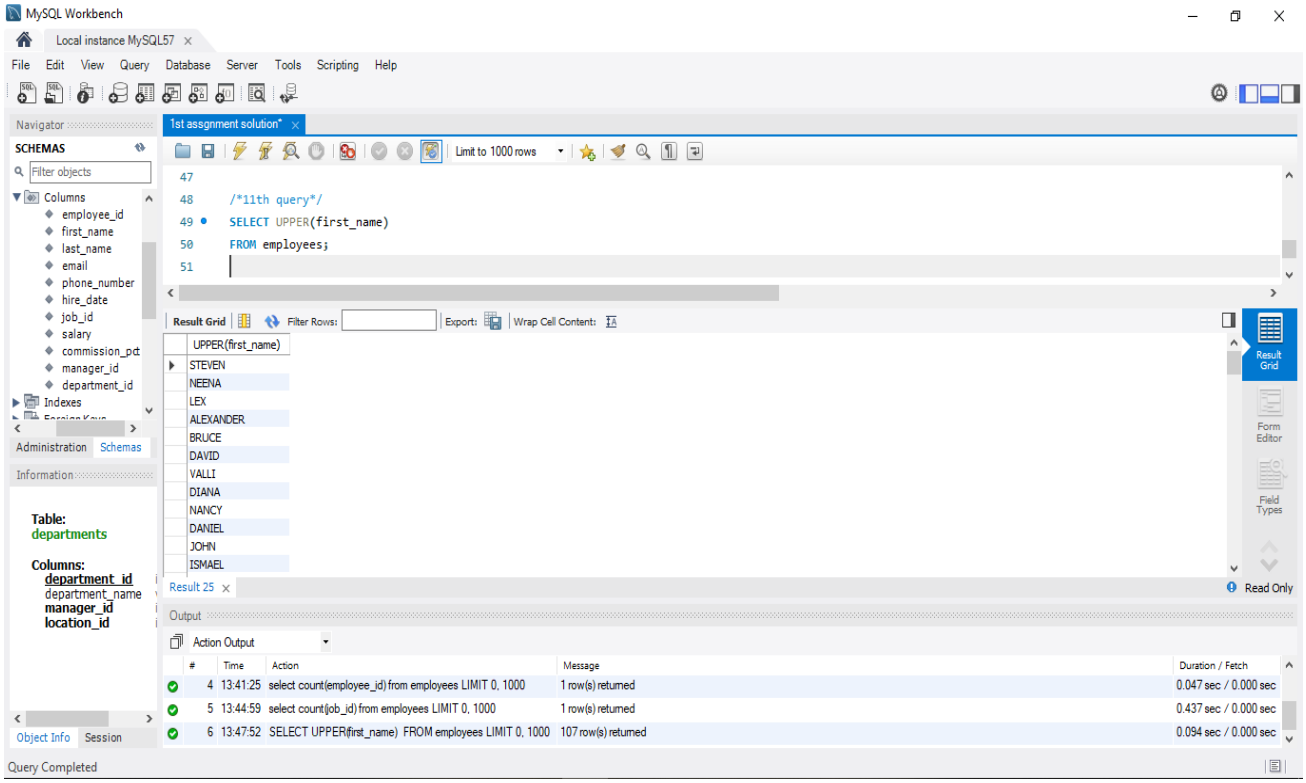
9) Query to get the number of employees working with the company



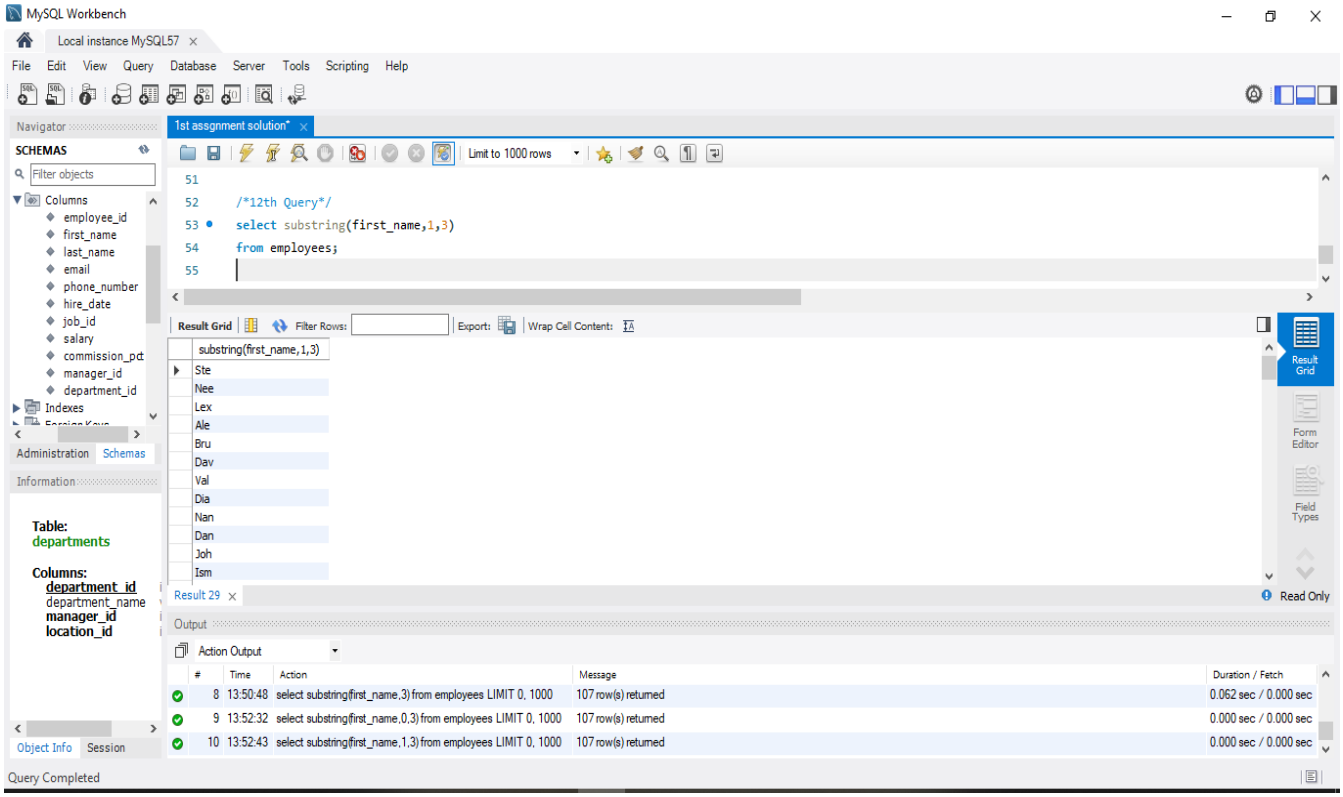
10) Query to get the number of jobs available in the employees table



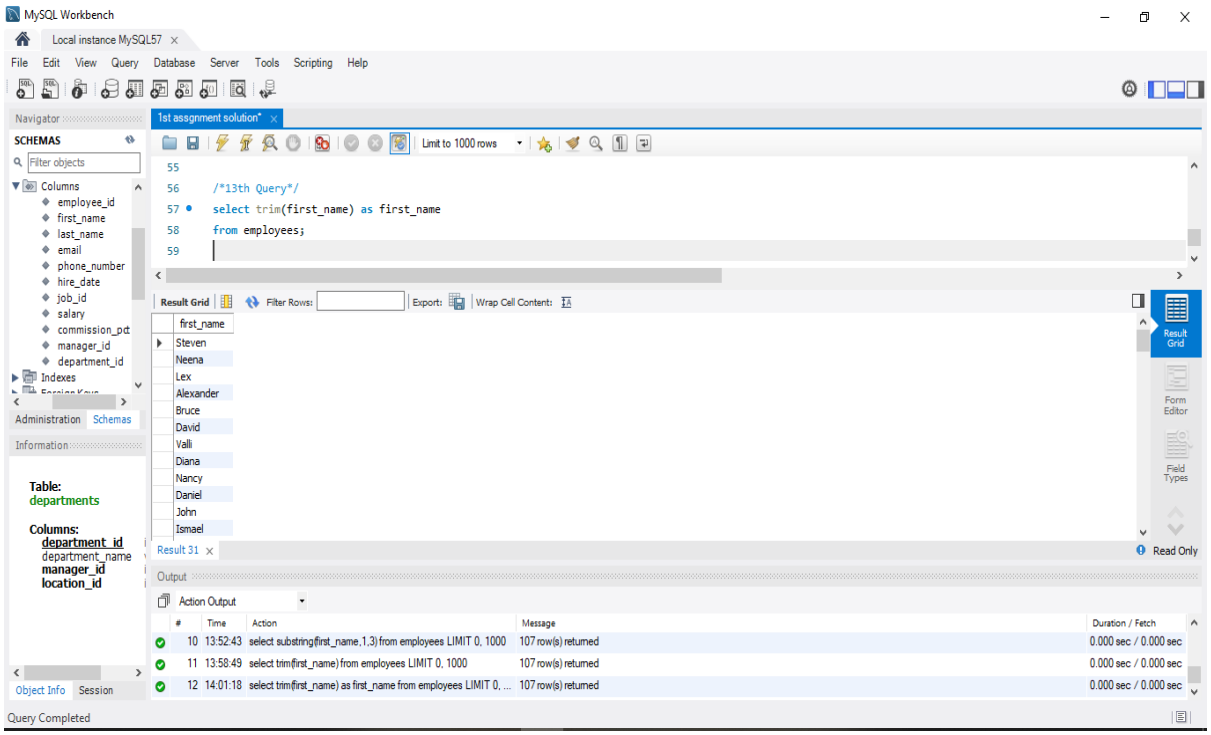
11) Query to get all first name from employees table in upper case.



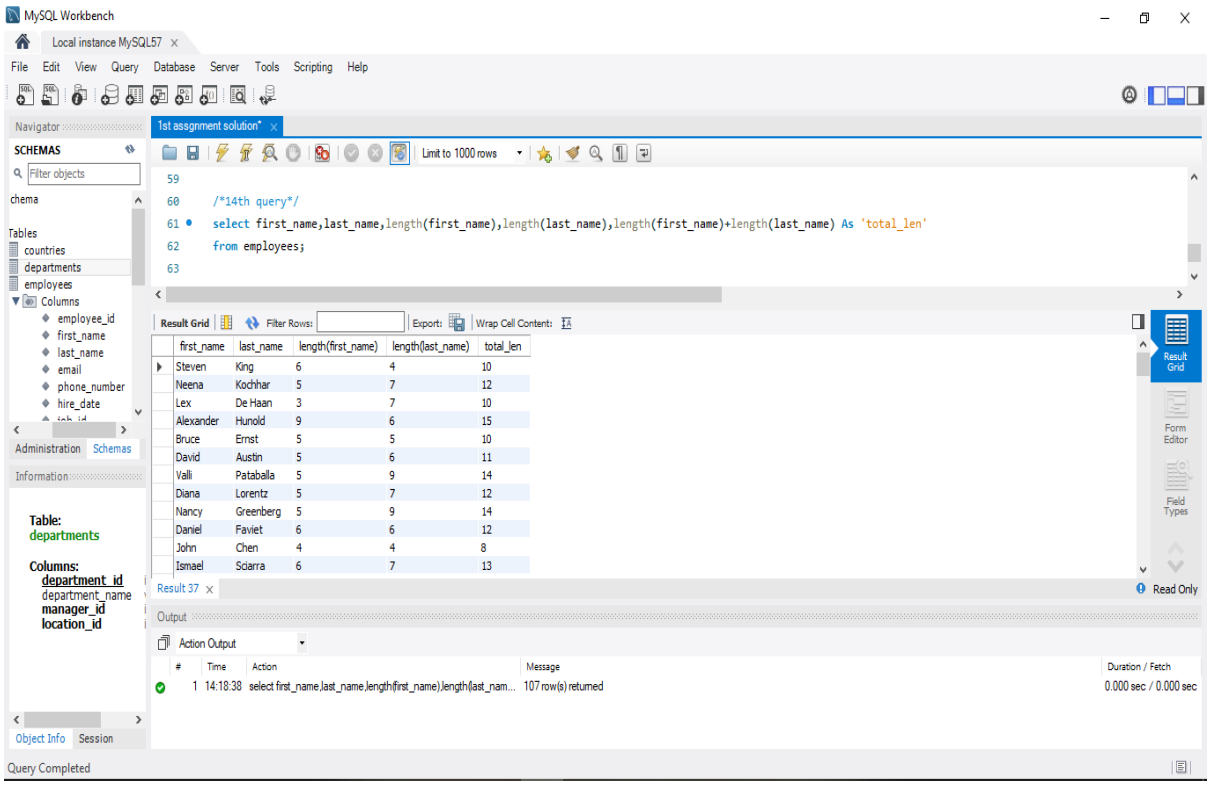
12) A query to get the first 3 characters of first name from employees table.



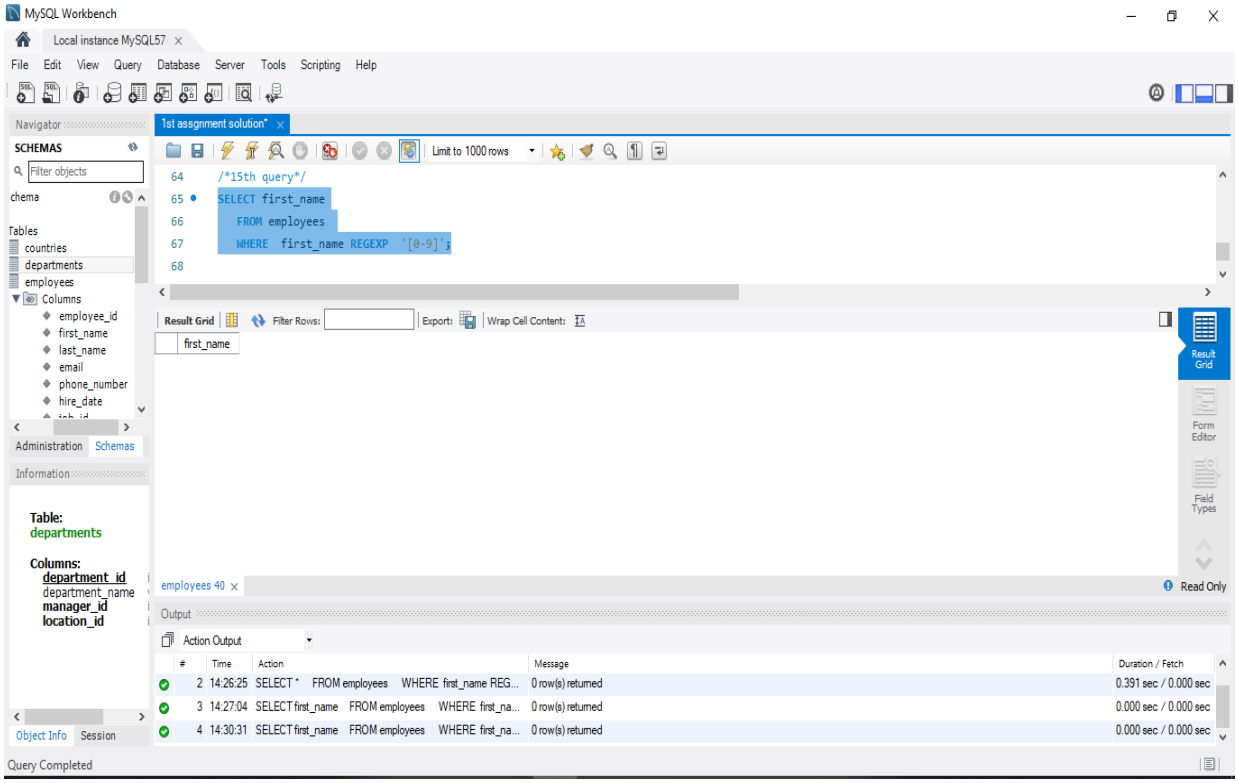
13) A query to get first name from employees table after removing white spaces from both side.



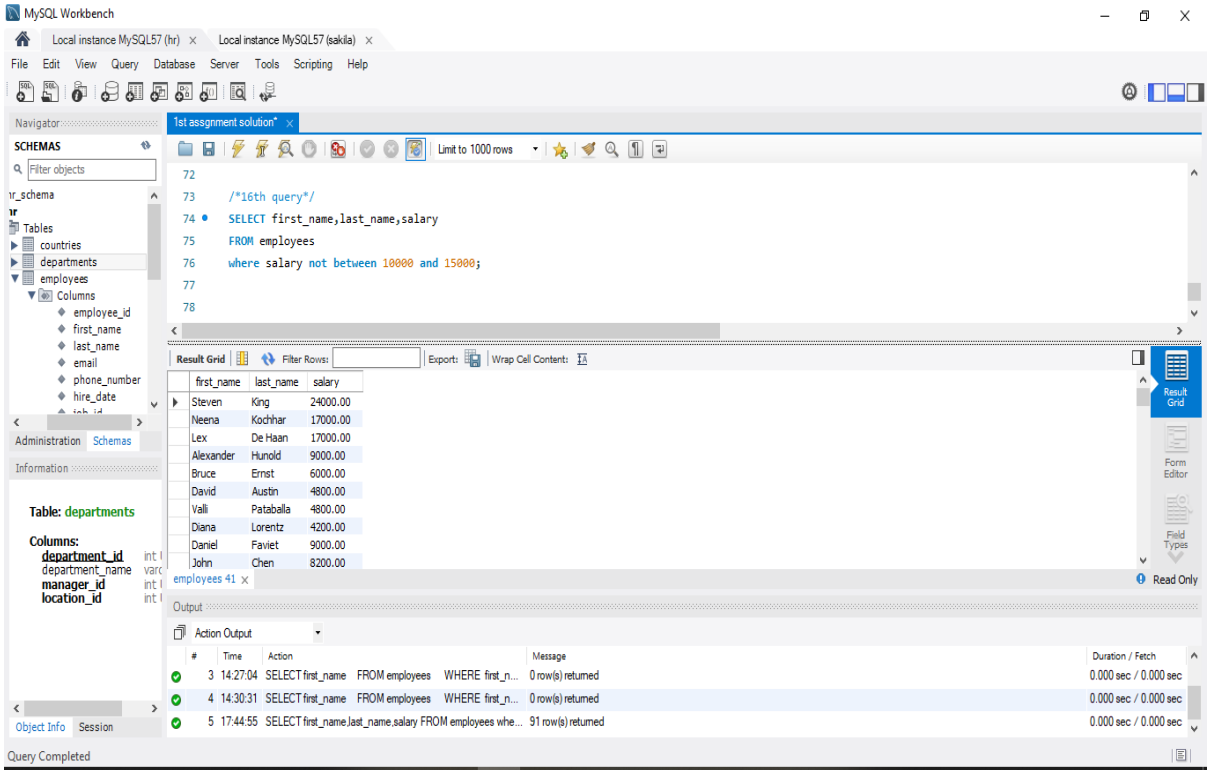
14) A query to get the length of the employee names (first_name, last_name) from employees table.



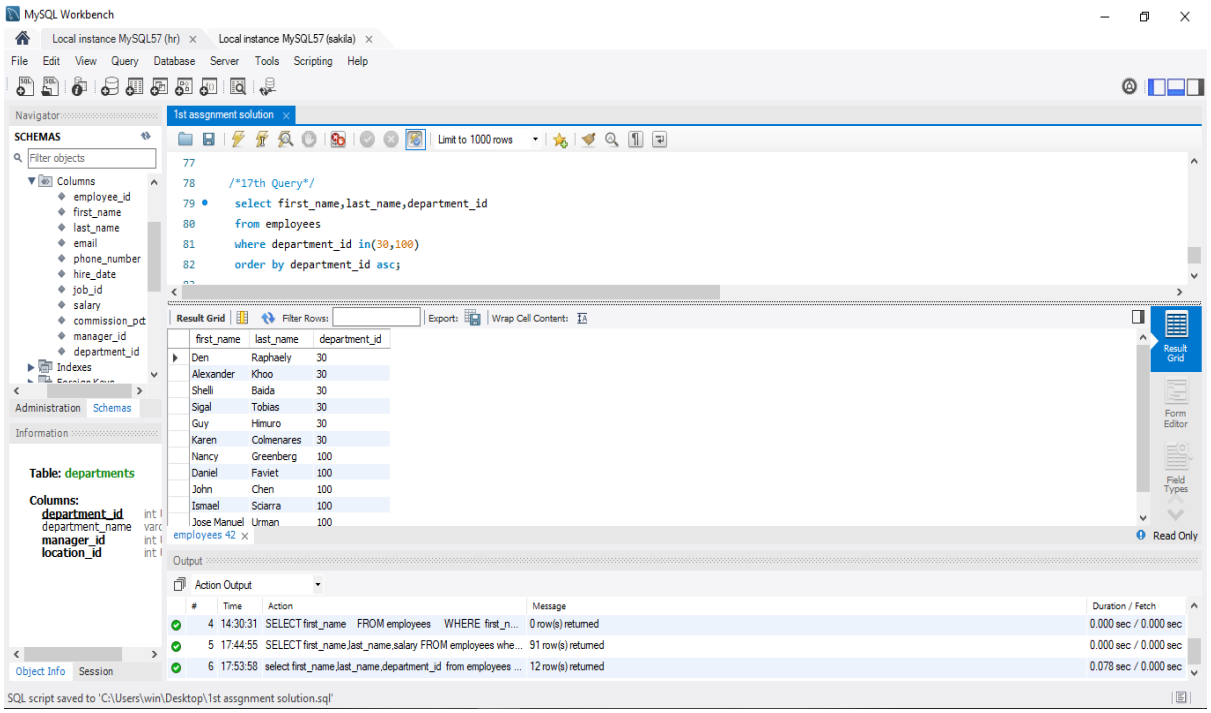
15) A query to check if the first_name fields of the employees table contains numbers.



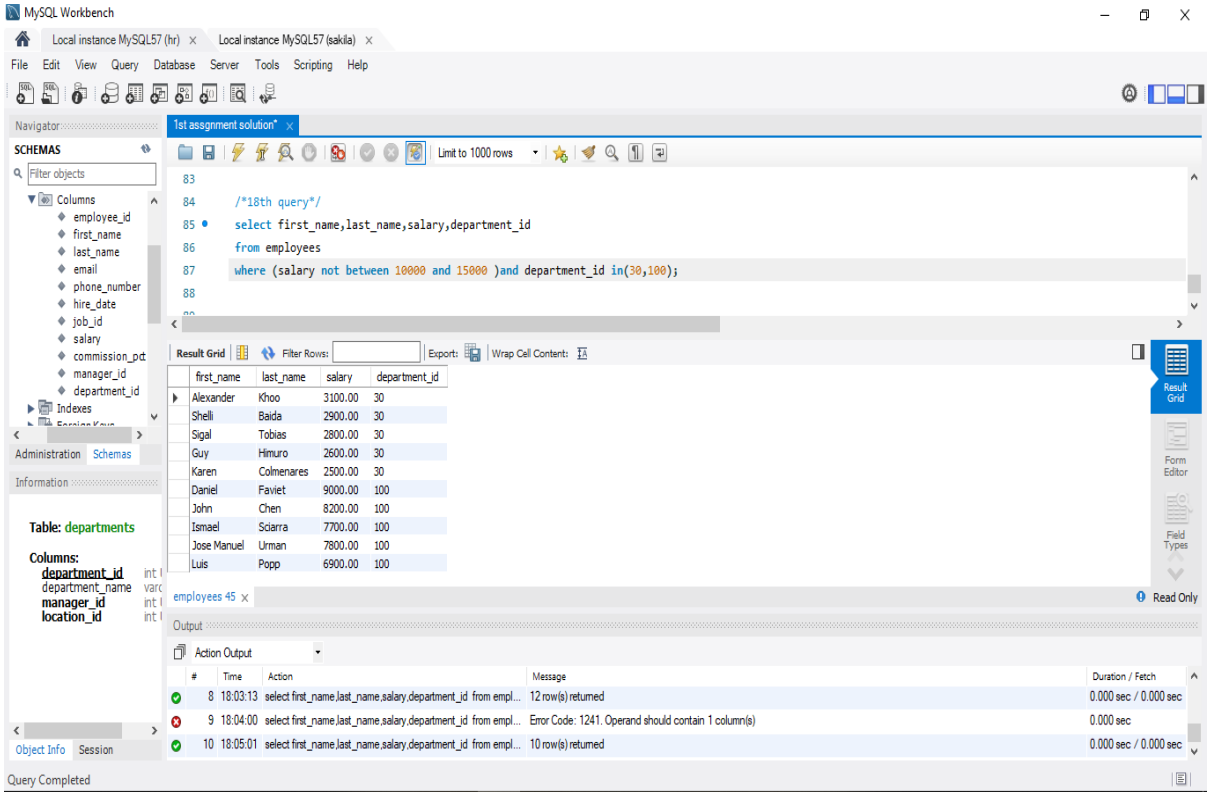
16) A query to display the name (first_name, last_name) and salary for all employees whose salary is not in the range $10,000 through $15,000.



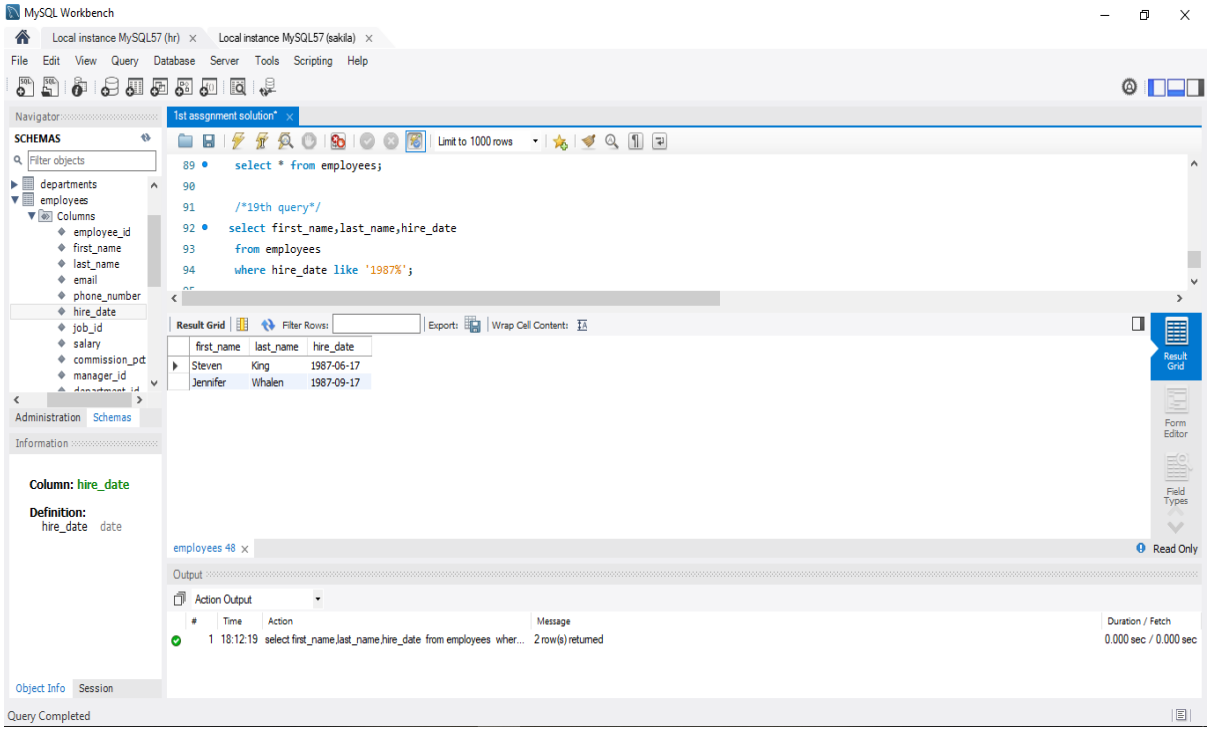
17) A query to display the name (first_name, last_name) and department ID of all employees in departments 30 or 100 in ascending order.



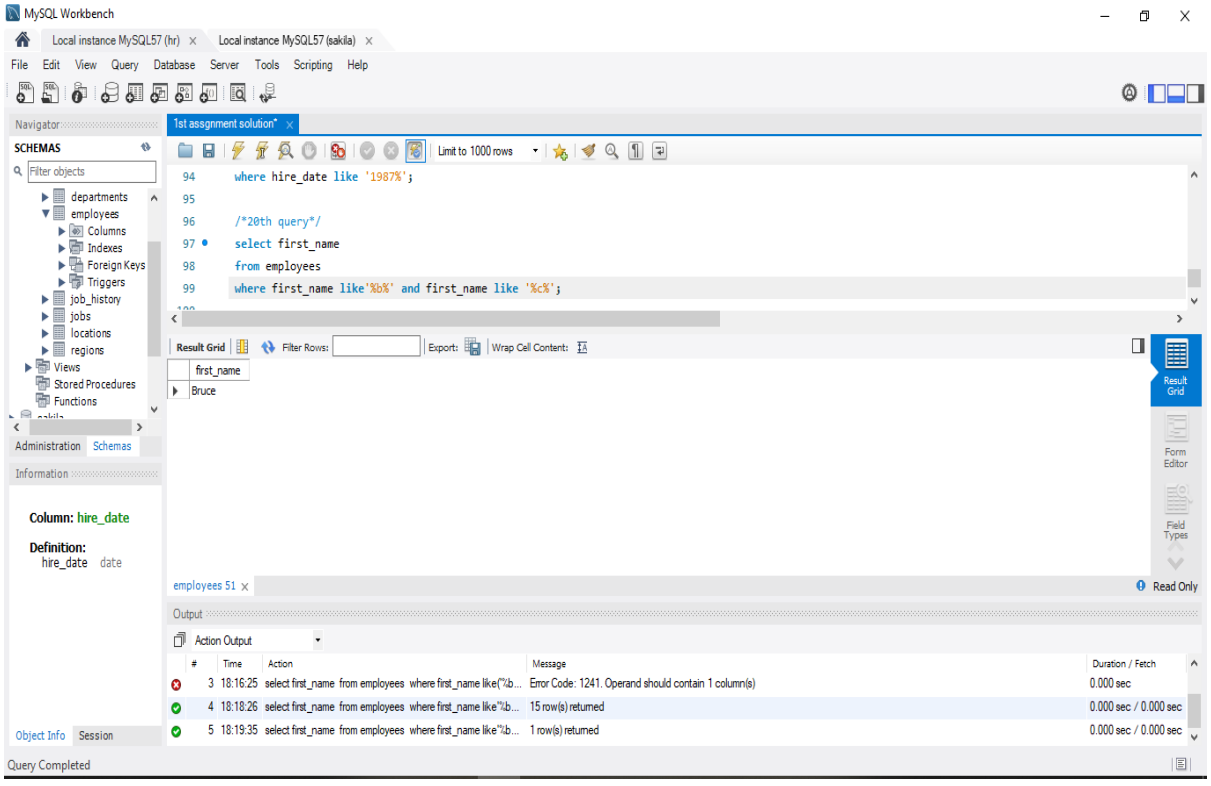
18) A query to display the name (first_name, last_name) and salary for all employees whose salary is not in the range $10,000 through $15,000 and are in department 30 or 100.



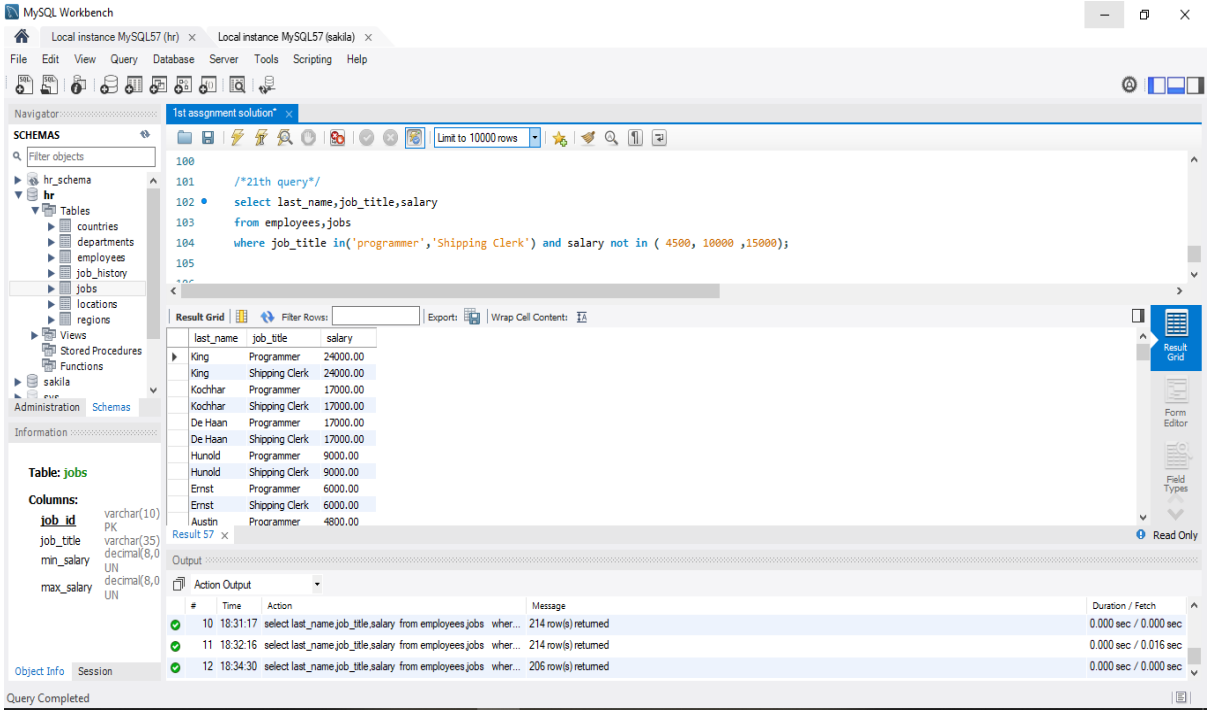
19) A query to display the name (first_name, last_name) and hire date for all employees who were hired in 1987.



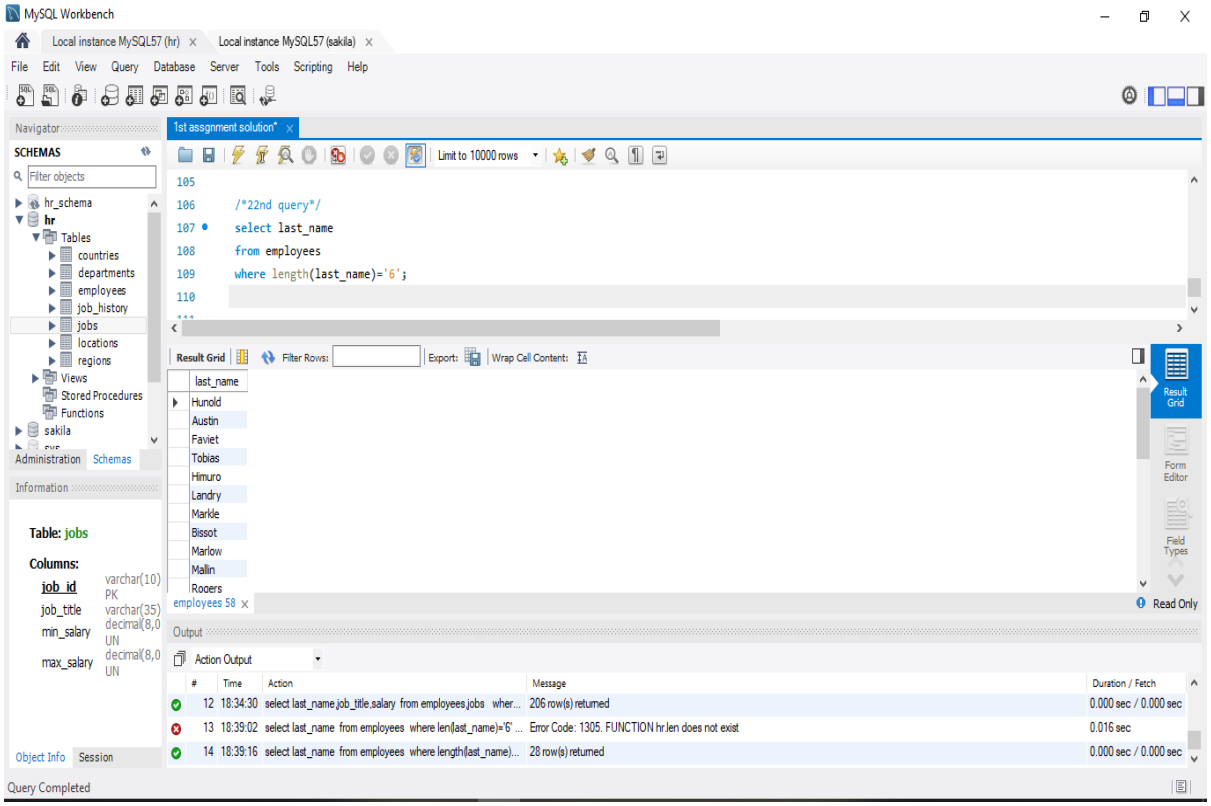
20) A query to display the first_name of all employees who have both "b" and "c" in their first name.



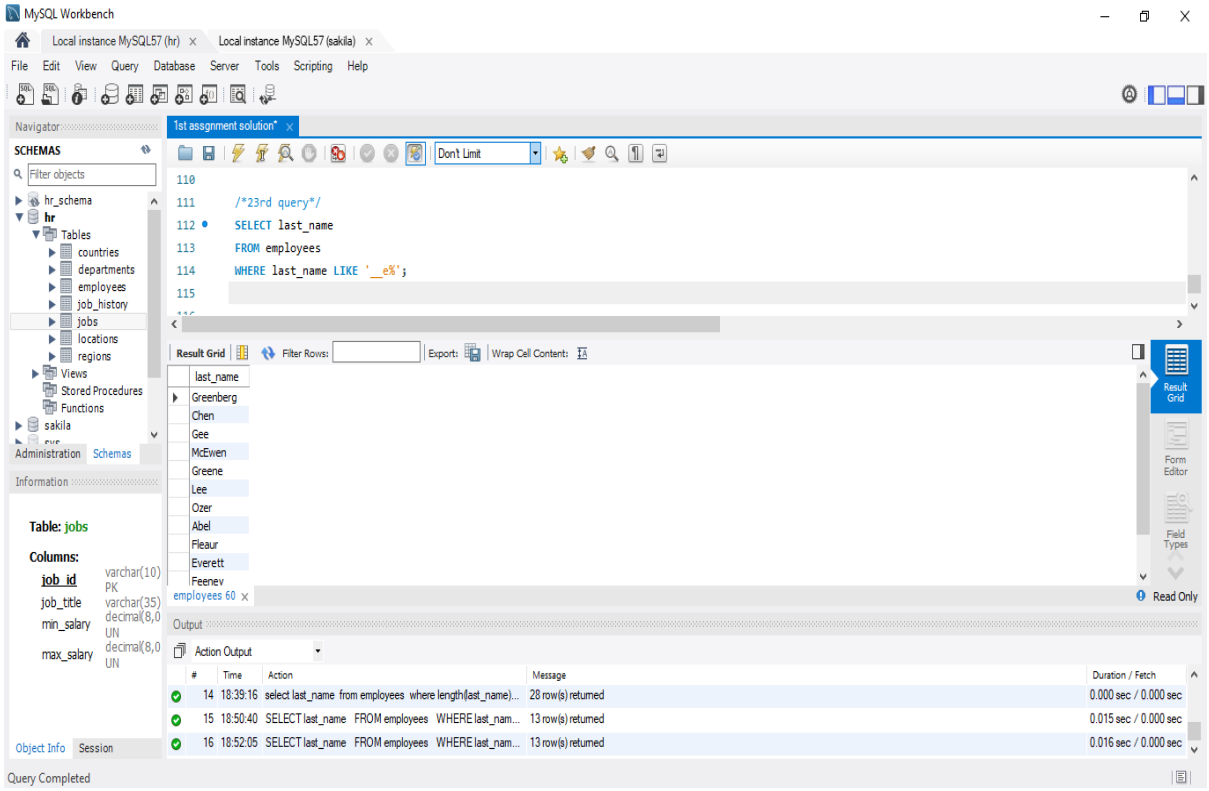
21) A query to display the last name, job, and salary for all employees whose job is that of a Programmer or a Shipping Clerk, and whose salary is not equal to $4,500, $10,000, or $15,000



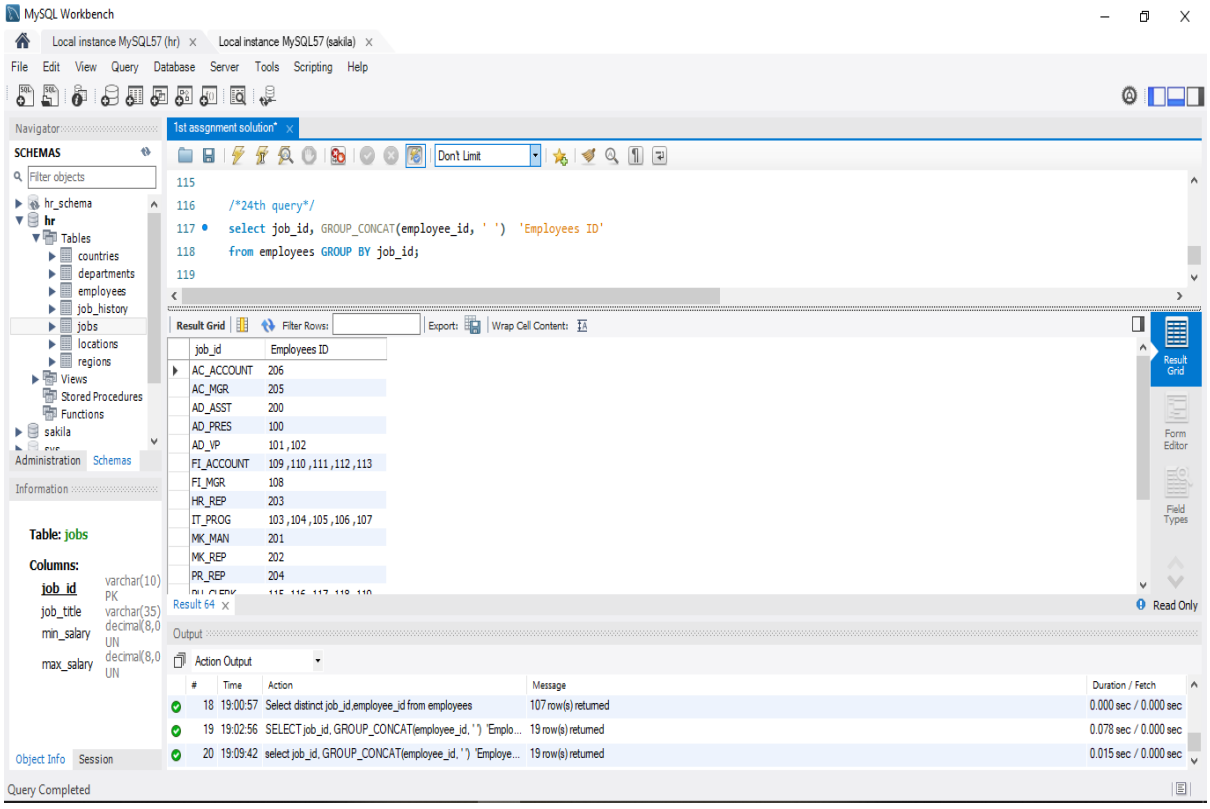
22) A query to display the last name of employees whose names have exactly 6 characters.



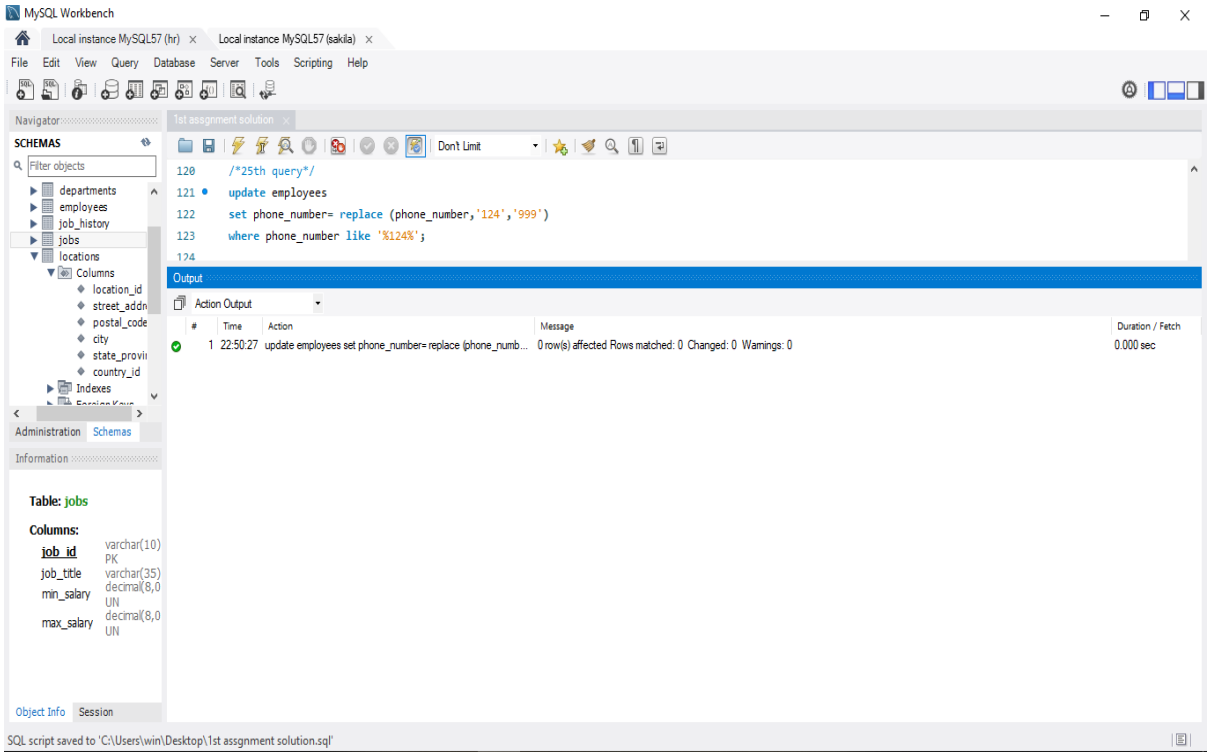
23) A query to display the last name of employees having 'e' as the third character.



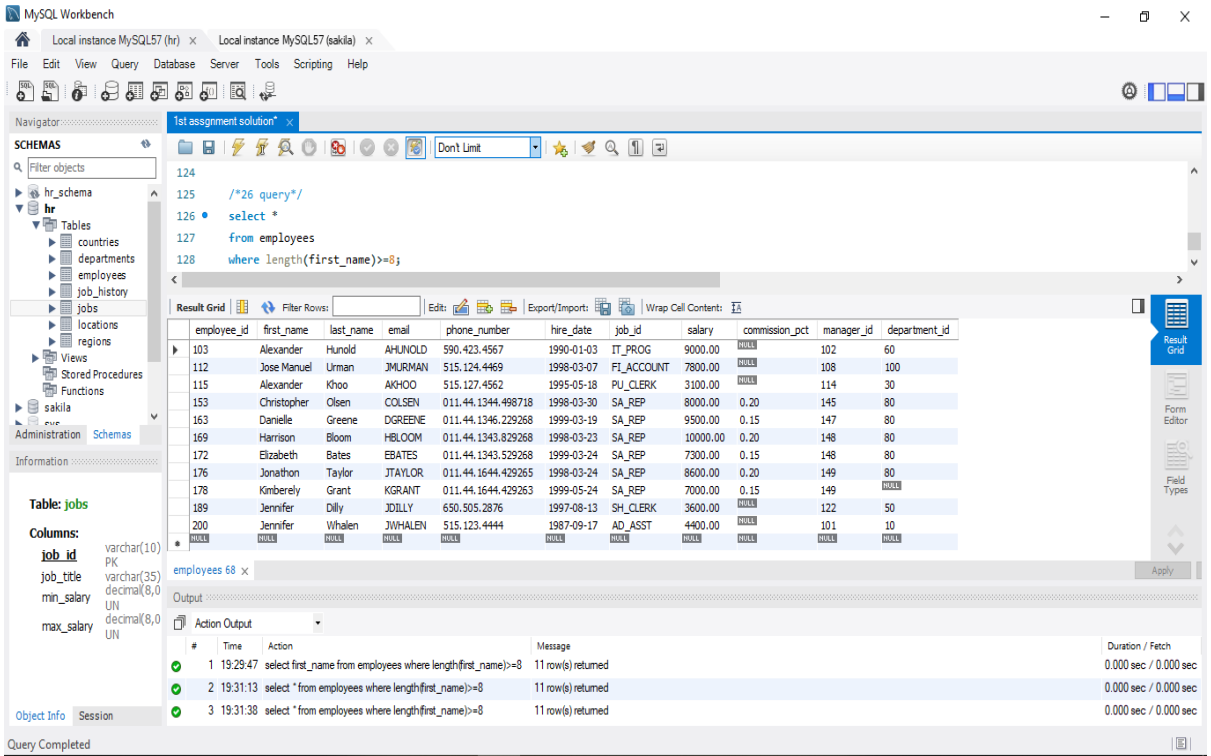
24) A query to get the job_id and related employee's id.



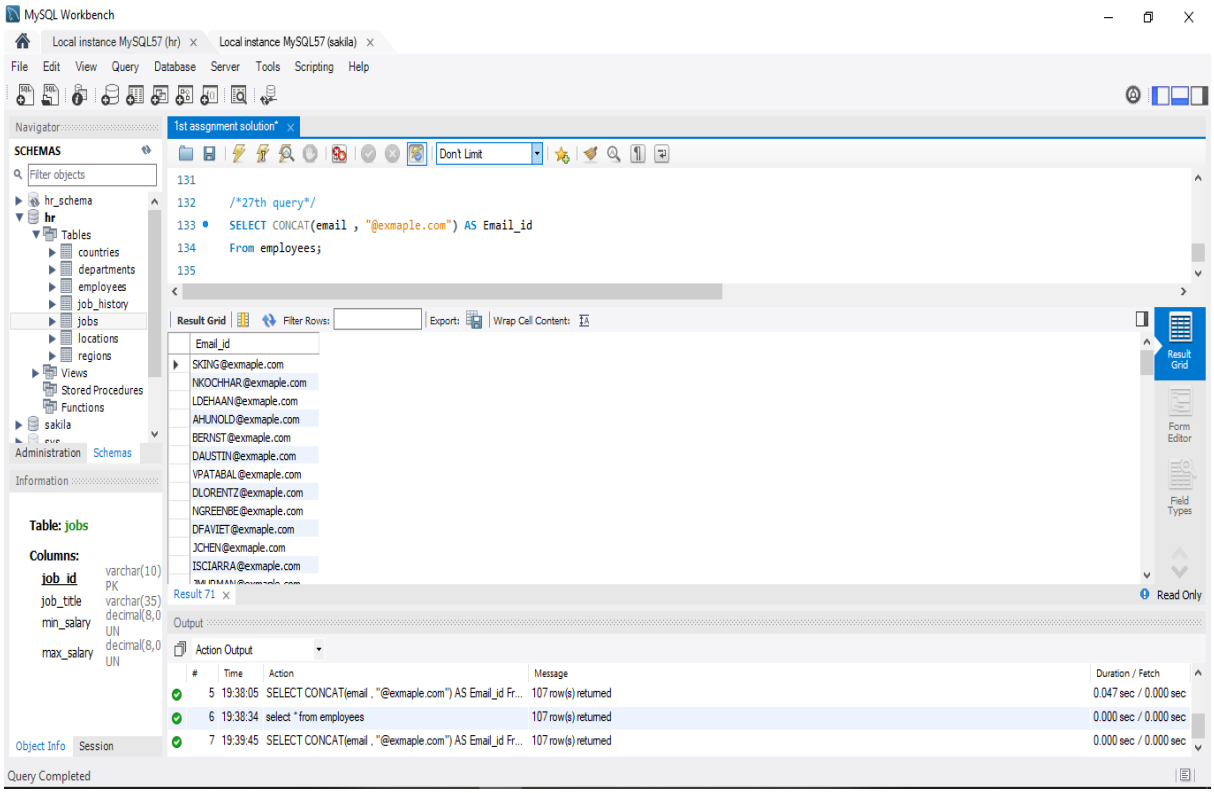
25) A query to update the portion of the phone_number in the employees table, within the phone number the substring '124' will be replaced by '999'.



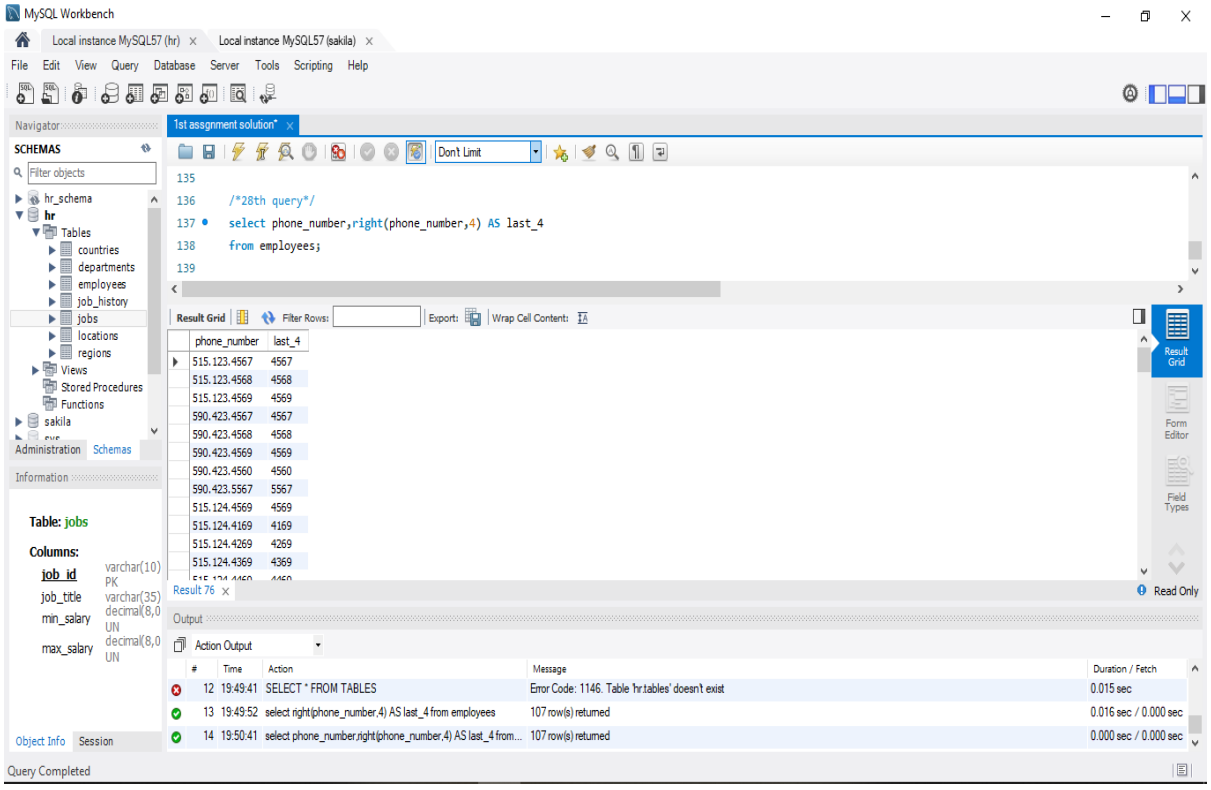
26) A query to get the details of the employees where the length of the first name greater than or equal to 8.



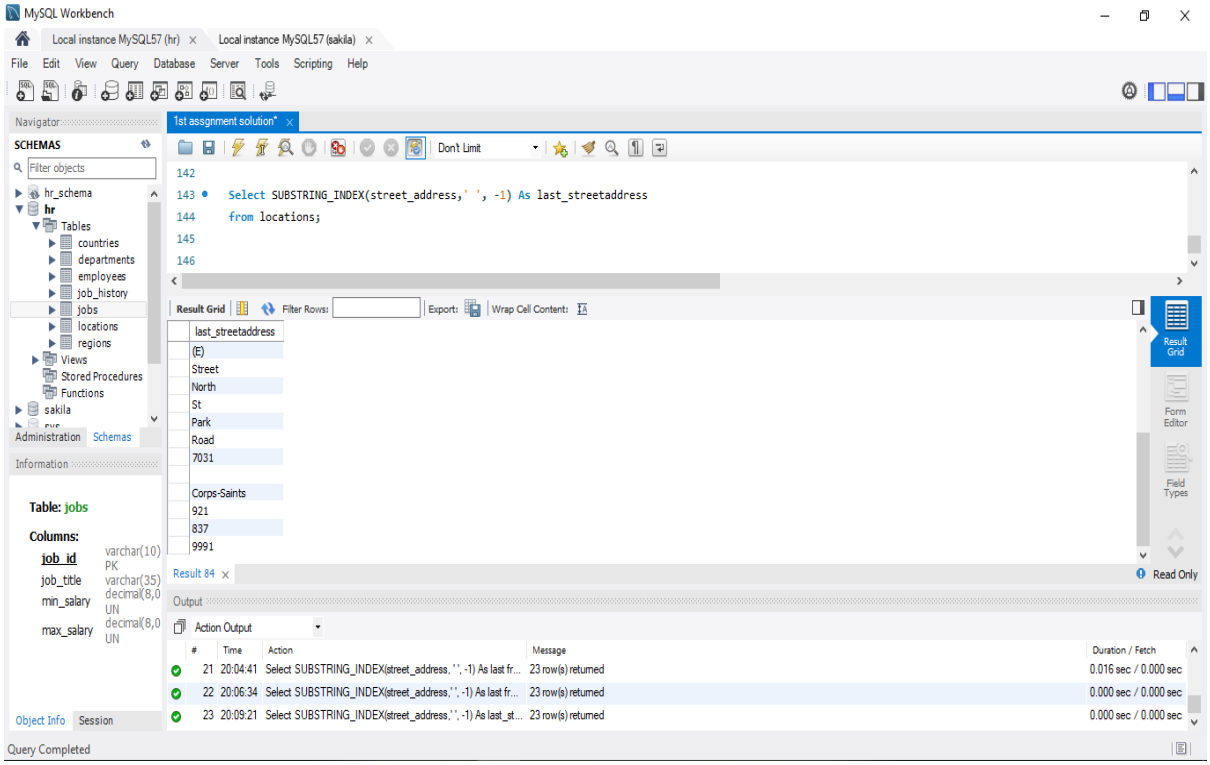
27) A query to append '@example.com' to email field.



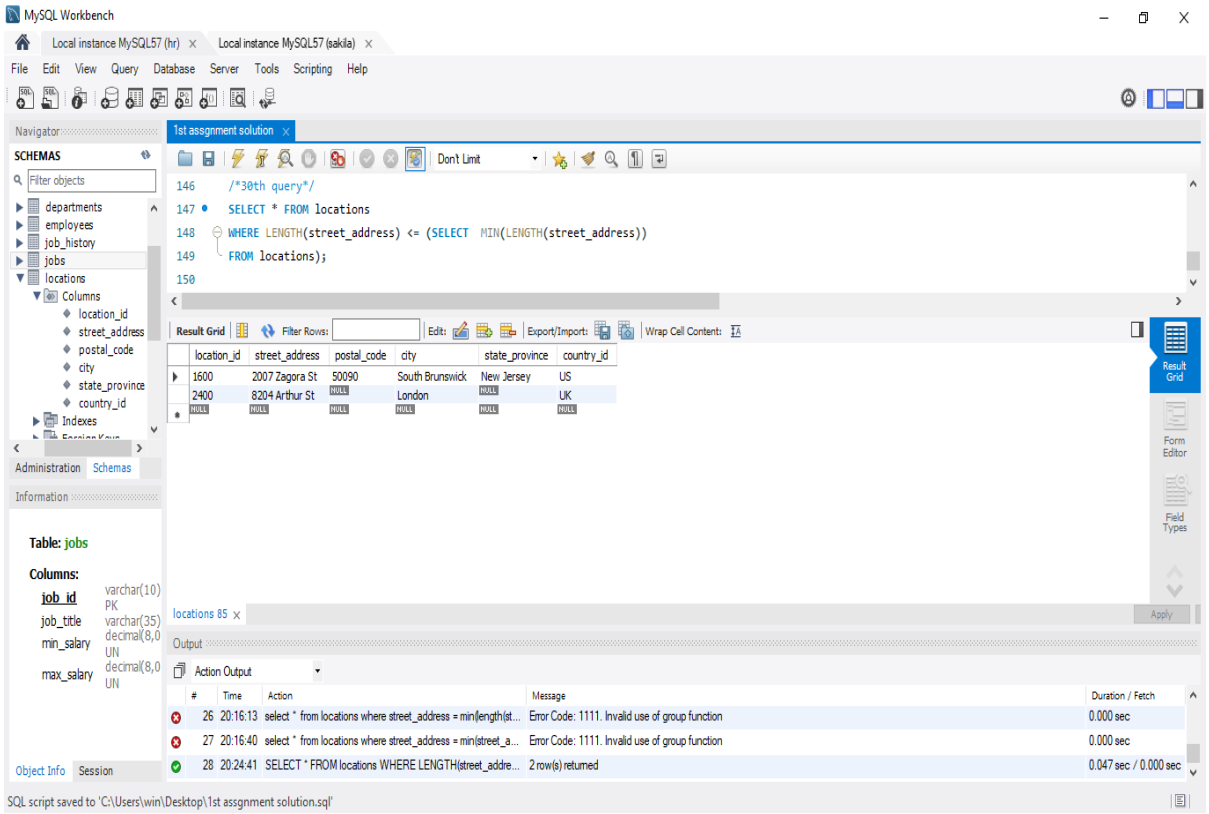
28) A query to extract the last 4 character of phone numbers.



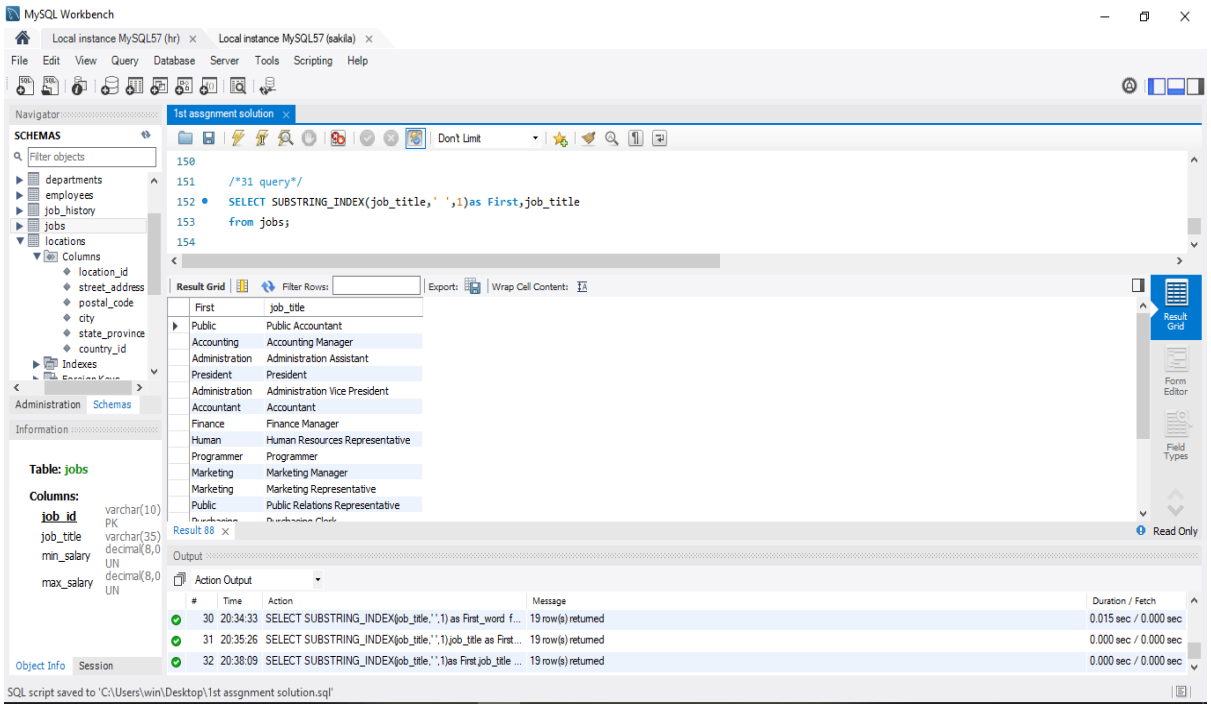
29) A query to get the last word of the street address.



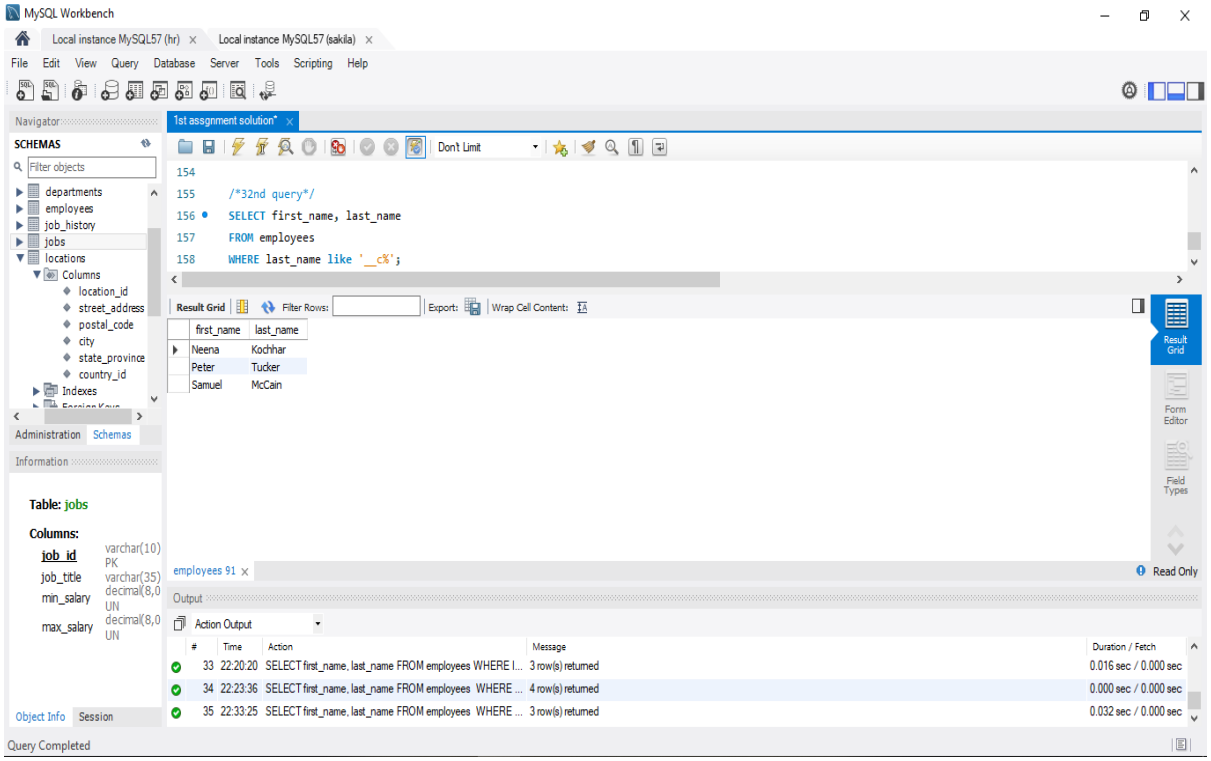
30) A query to get the locations that have minimum street length.



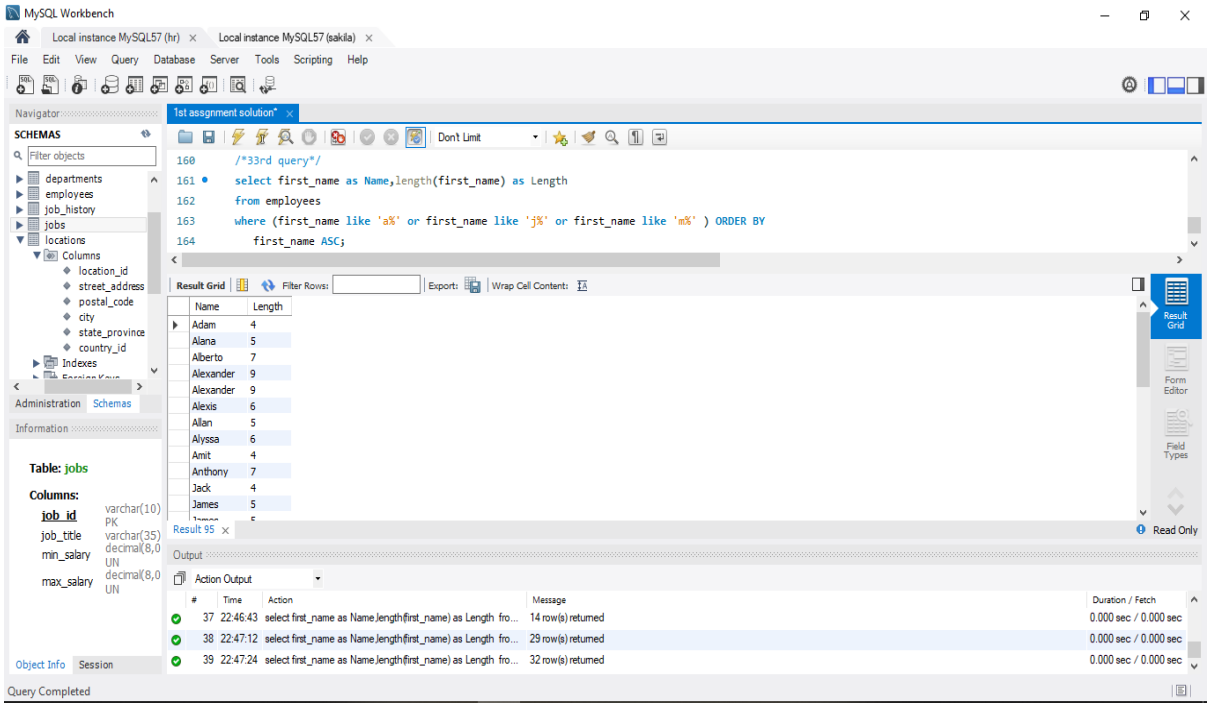
31) A query to display the first word from those job titles which contains more than one words.



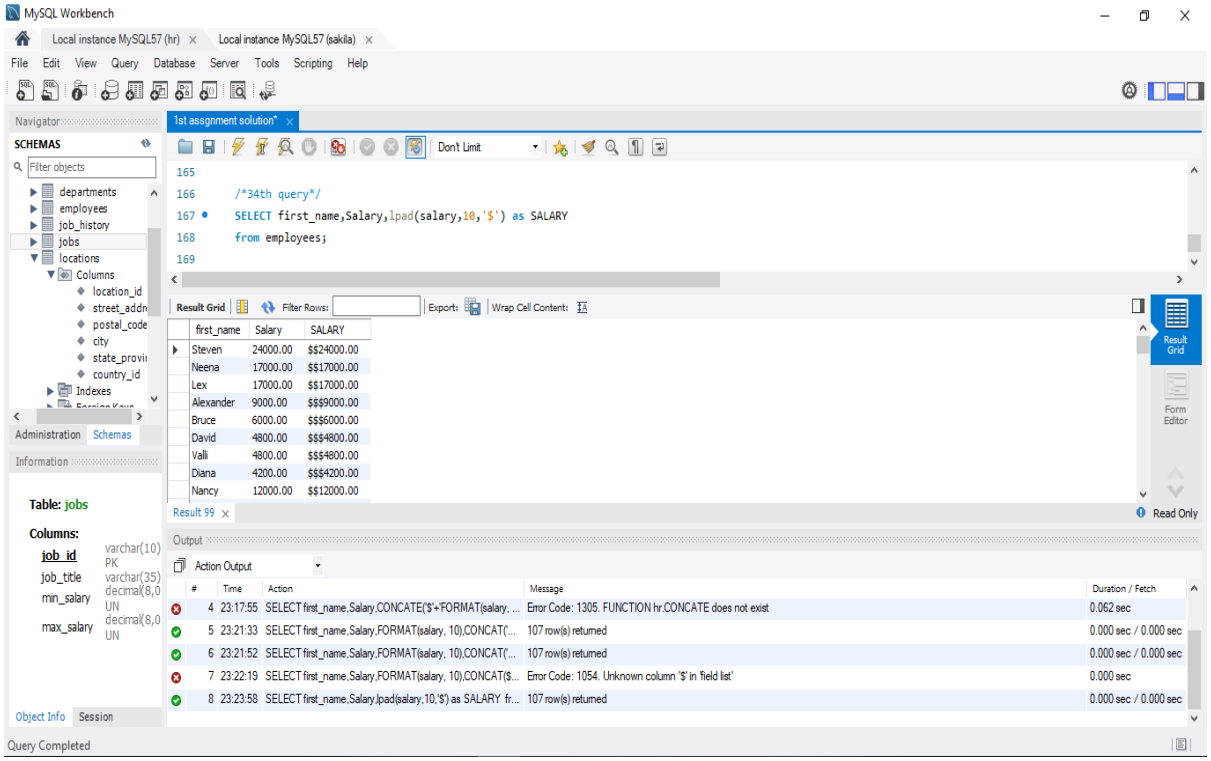
32) A query to display the length of first name for employees where last name contain character 'c' after 2nd position.



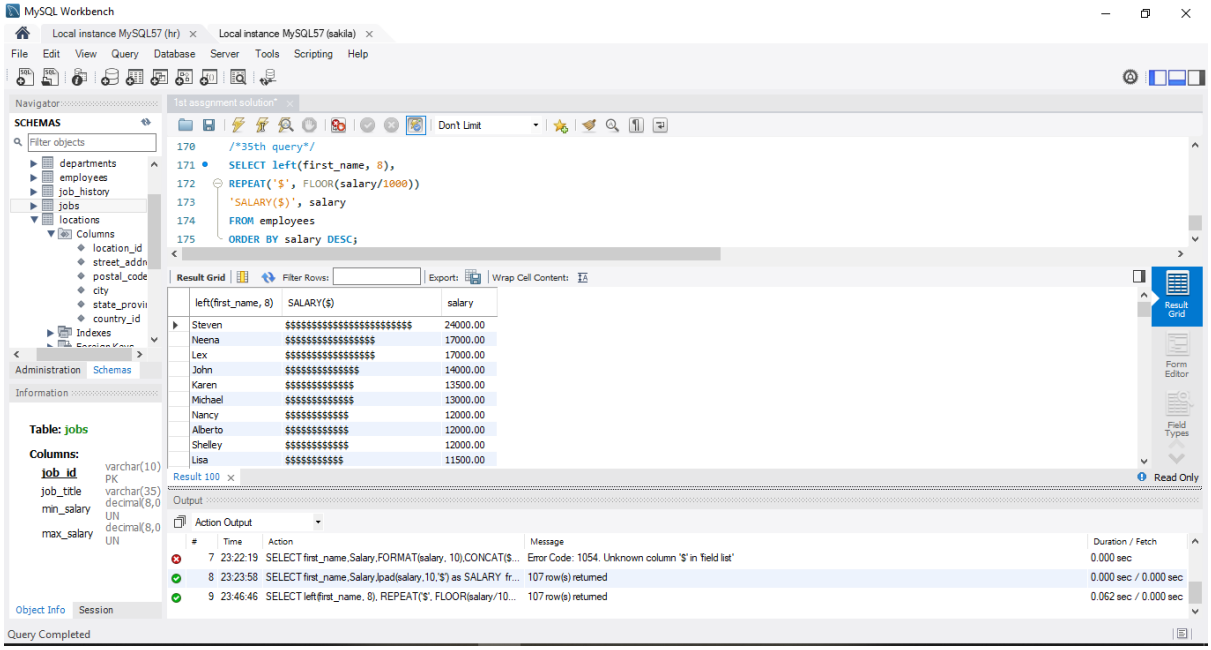
32) A query that displays the first name and the length of the first name for all employees whose name starts with the letters 'A', 'J' or 'M'.



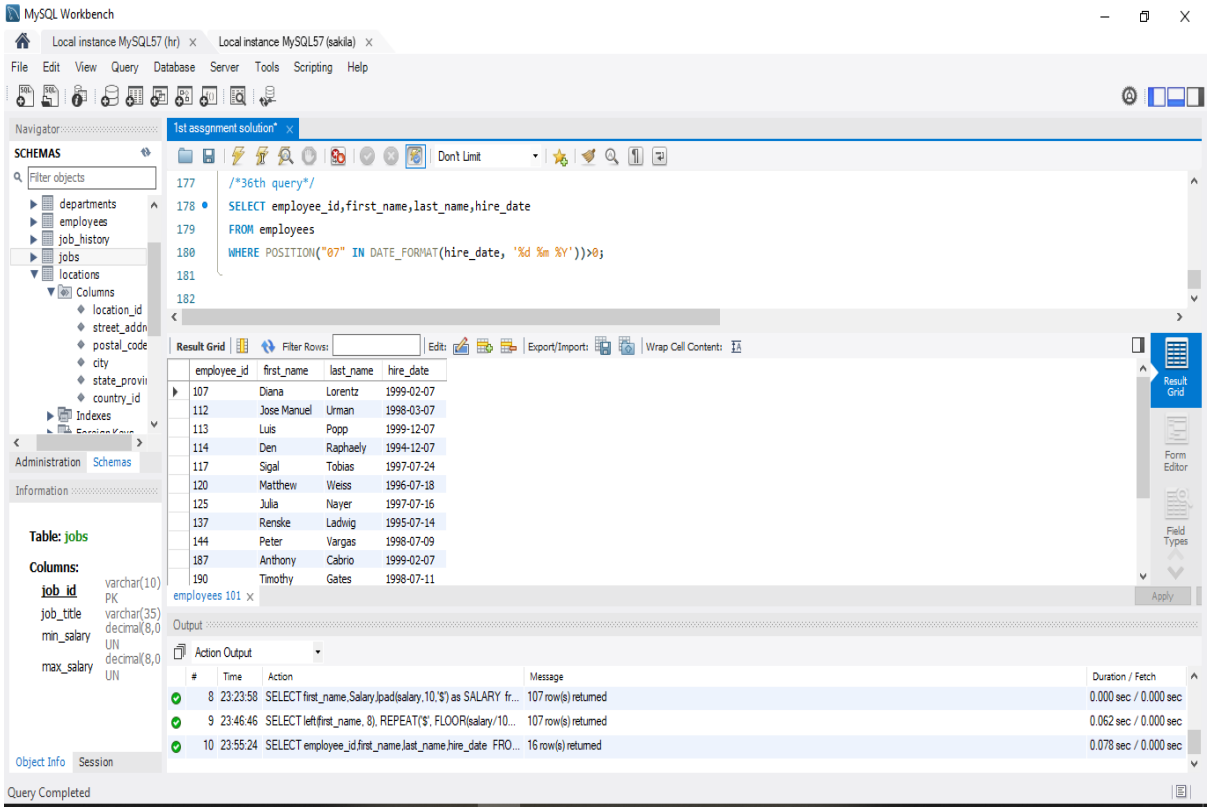
34) A query to display the first name and salary for all employees. Format the salary to be 10 characters long, left-padded with the $ symbol. Label the column SALARY.



35) A query to display the first eight characters of the employees' first names and indicates the amounts of their salaries with '$' sign. Each '$' sign signifies a thousand dollars. Sort the data in descending order of salary.

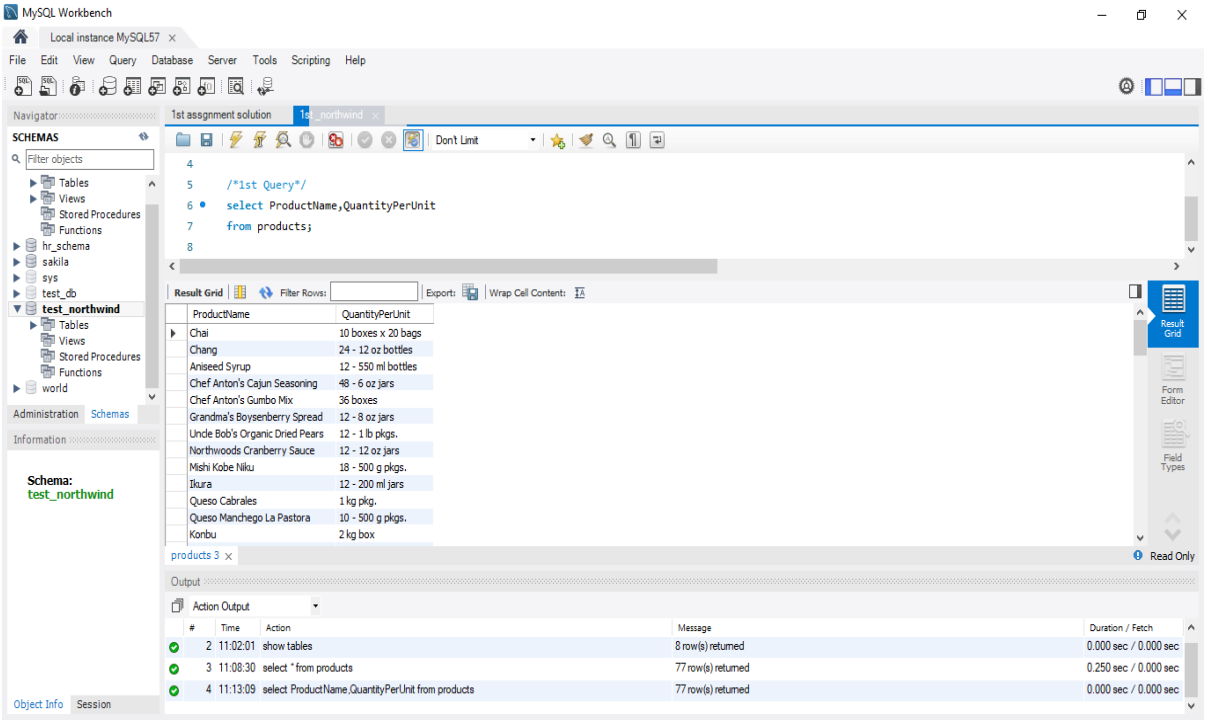


36) A query to display the employees with their code, first name, last name and hire date who hired either on seventh day of any month or seventh month in any year.

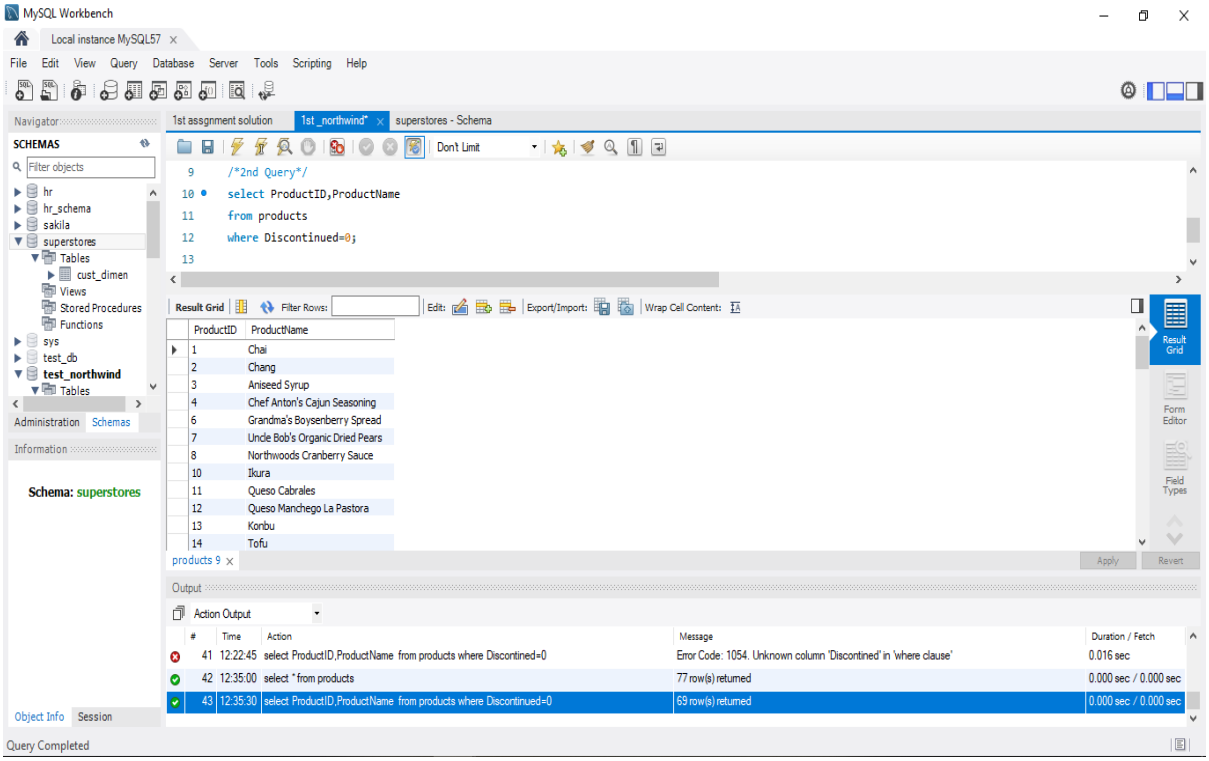


NORTHWIND DATABASE QUERIES

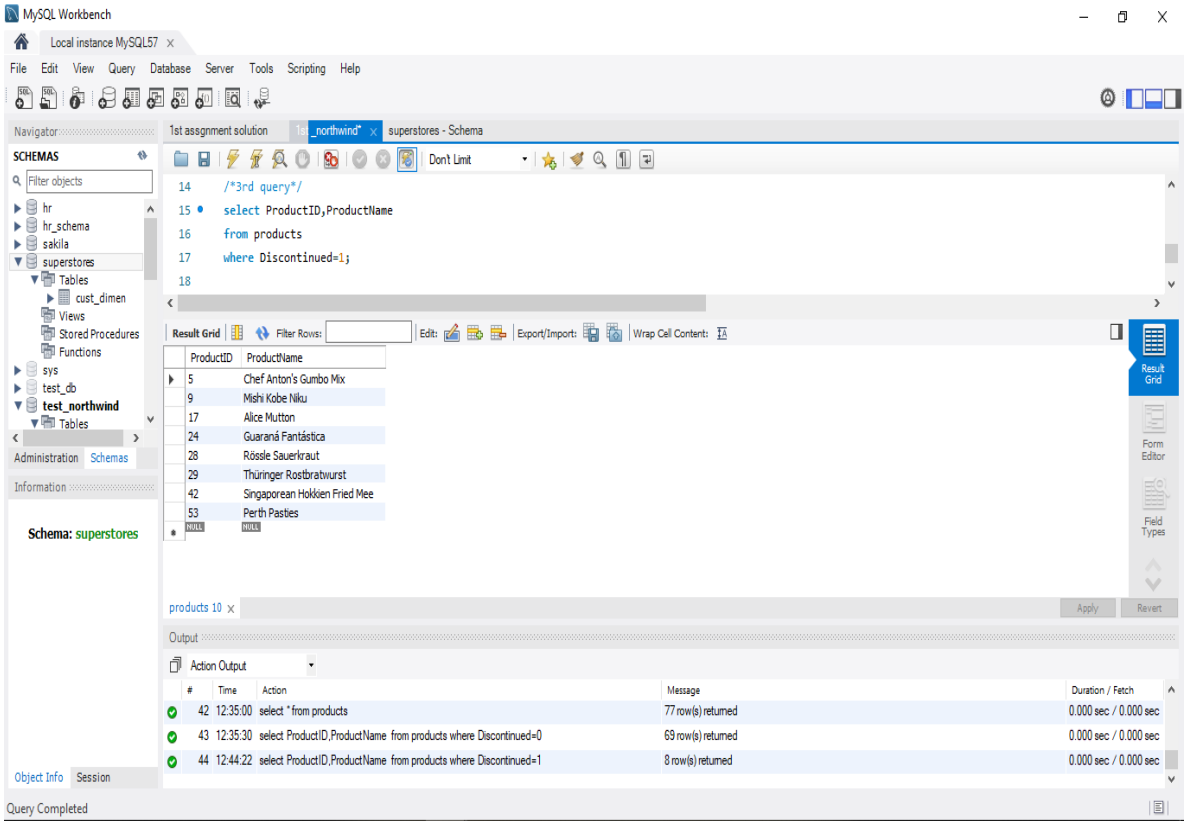
1) A query to get Product name and quantity/unit.



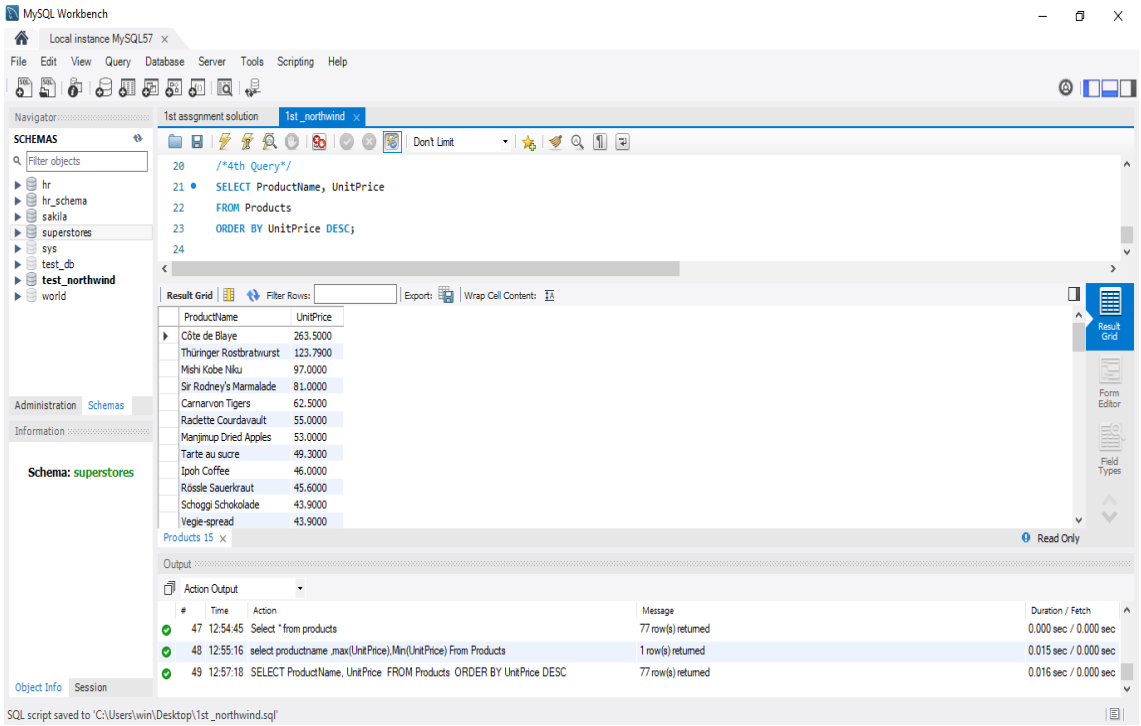
2) A query to get current Product list (Product ID and name).



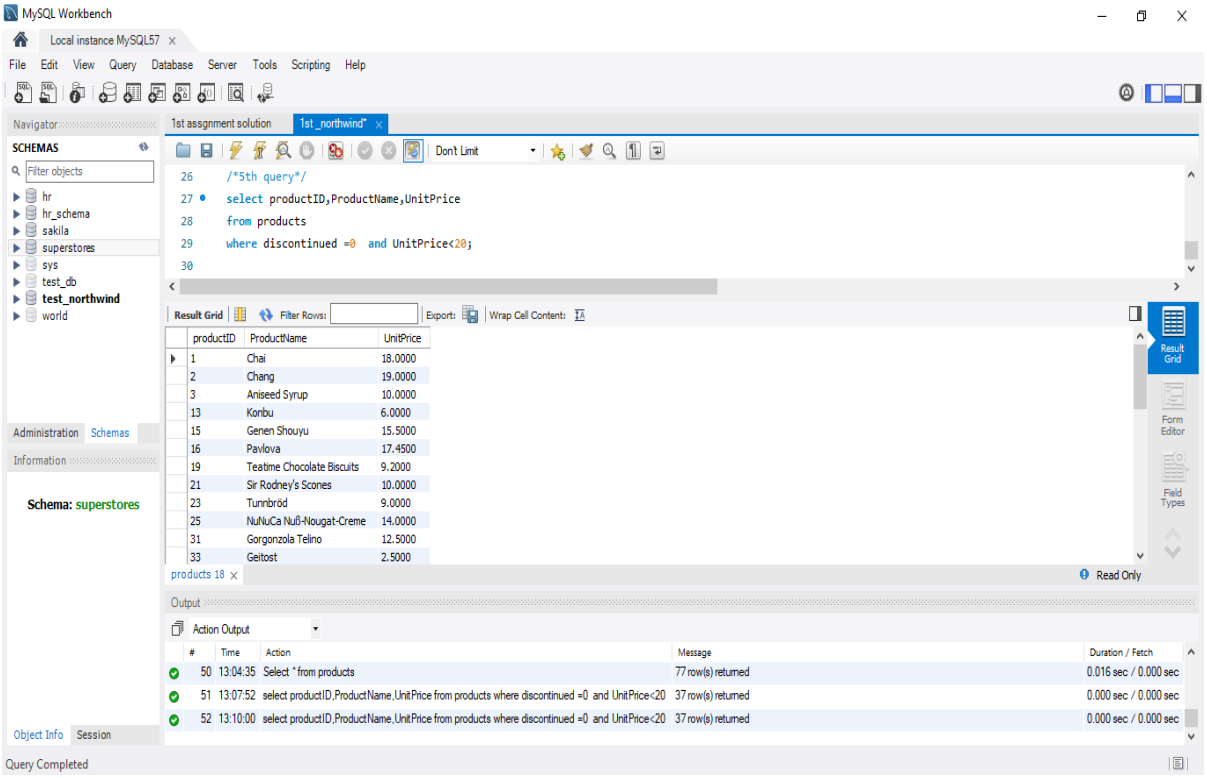
3) A query to get discontinued Product list (Product ID and name).



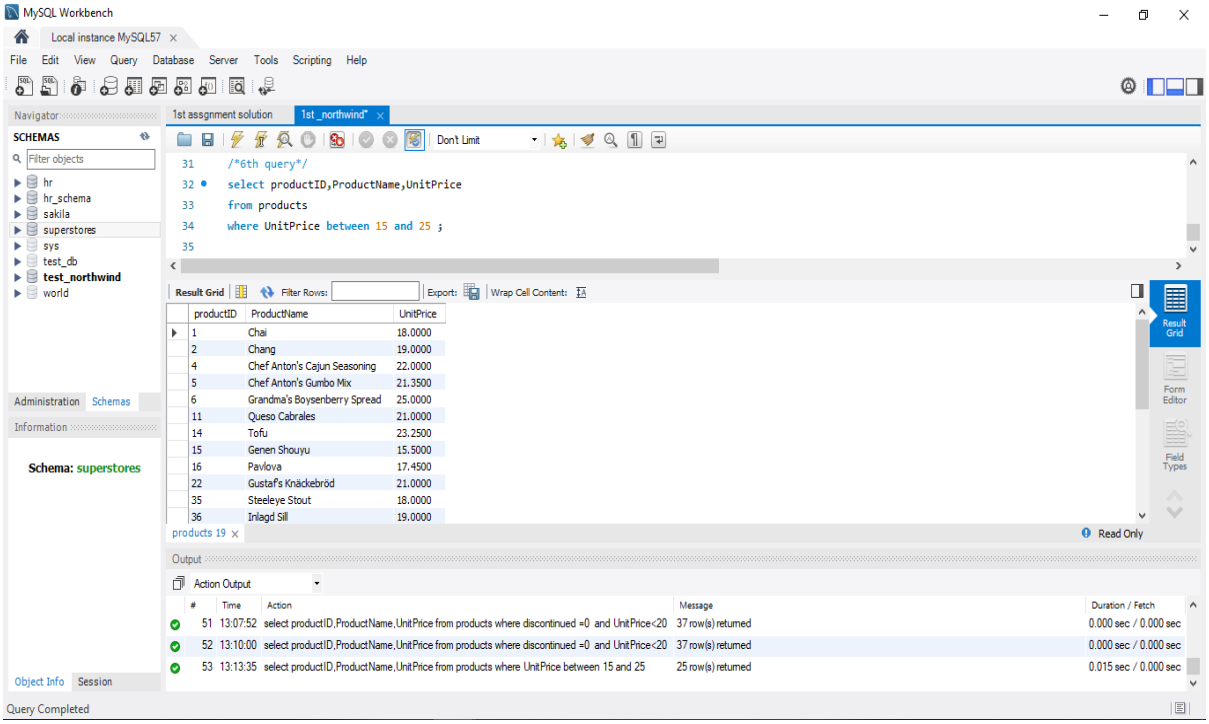
4) A query to get most expense and least expensive Product list (name and unit price).



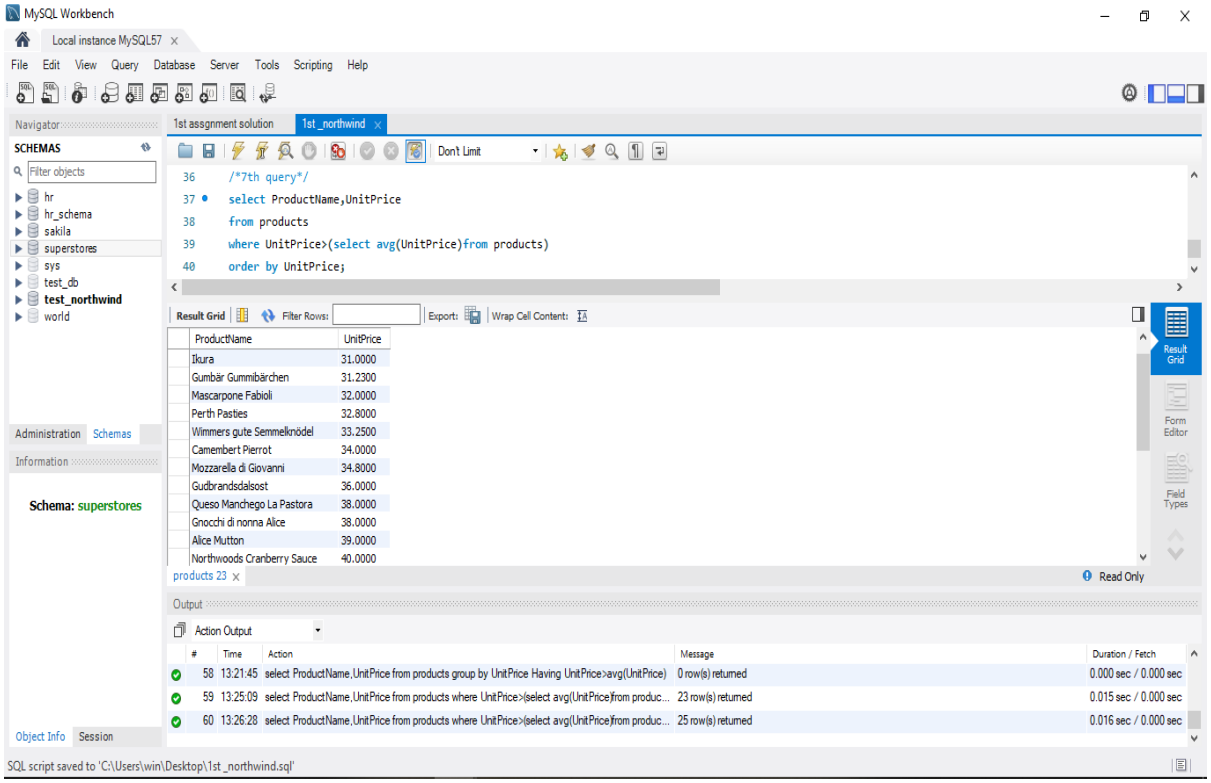
5) A query to get Product list (id, name, unit price) where current products cost less than $20.



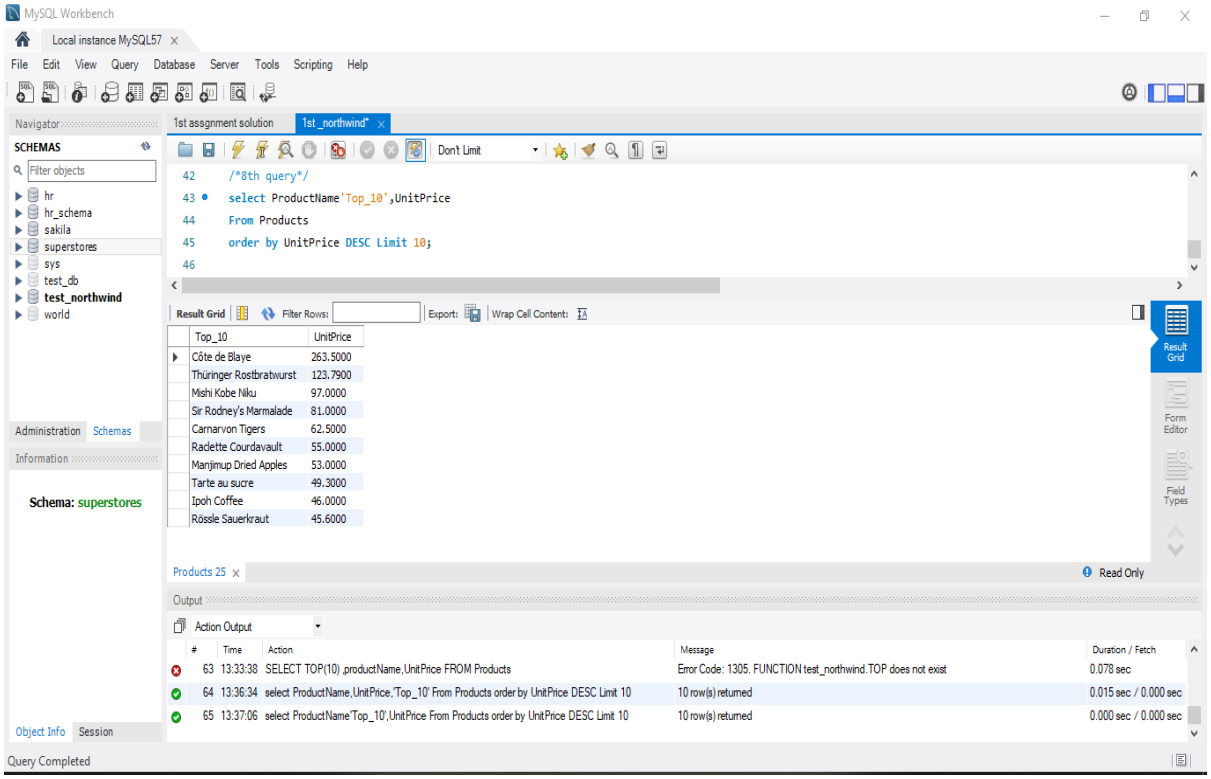
6) A query to get Product list (id, name, unit price) where products cost between $15 and $25



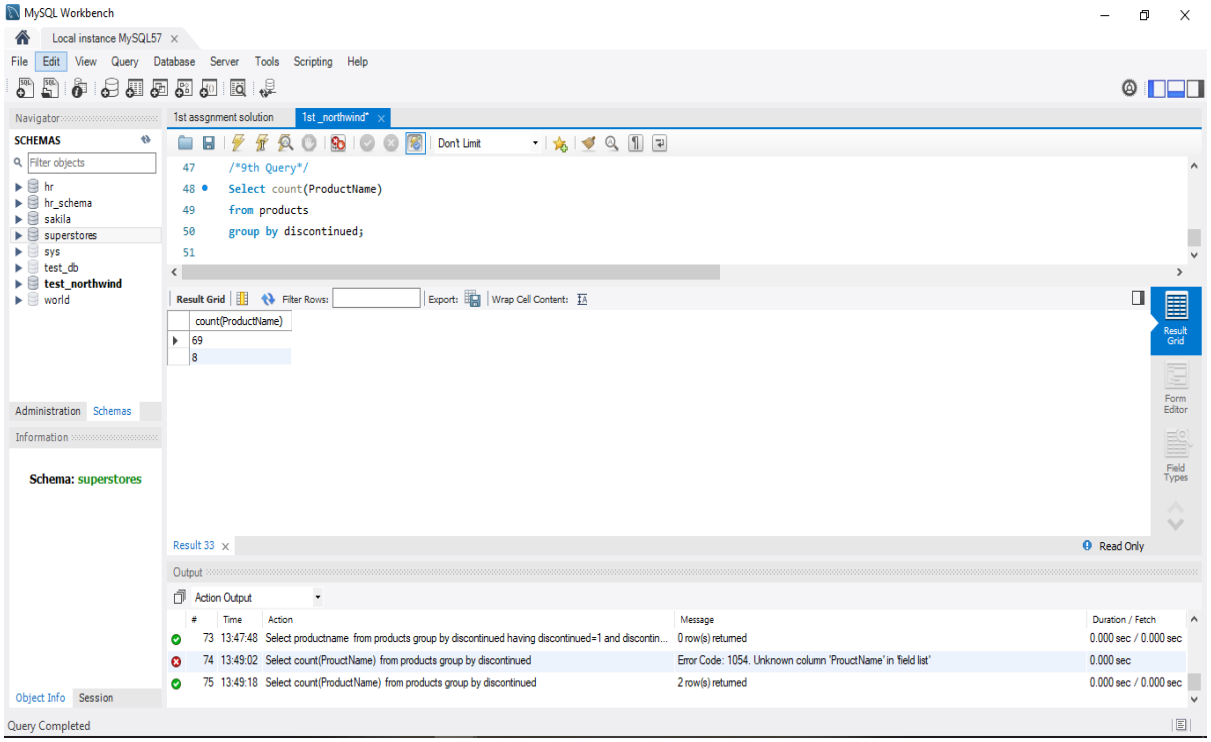
7) A query to get Product list (name, unit price) of above average price.



8) A query to get Product list (name, unit price) of ten most expensive products.



9) A query to count current and discontinued products.



10) A query to get Product list (name, units on order , units in stock) of stock is less than the quantity on order.