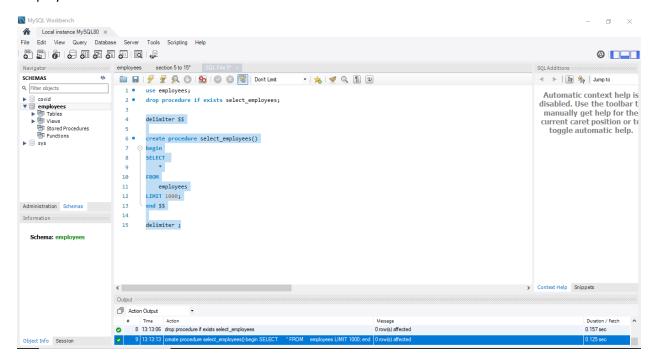
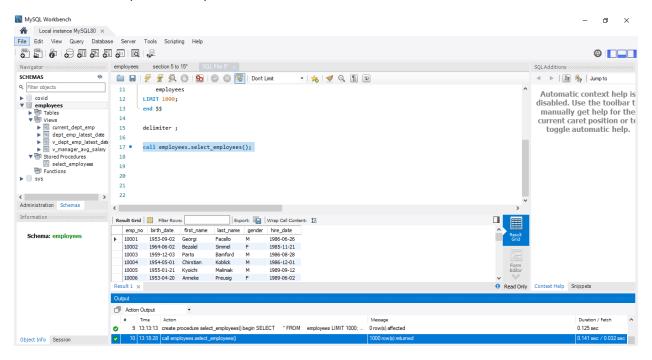
SECTION 18

We need to create a stored procedure.

Devise a non-parametric procedure that whenever applied will return the first 1000 rows from the employees table.



We can invoke this procedure by:

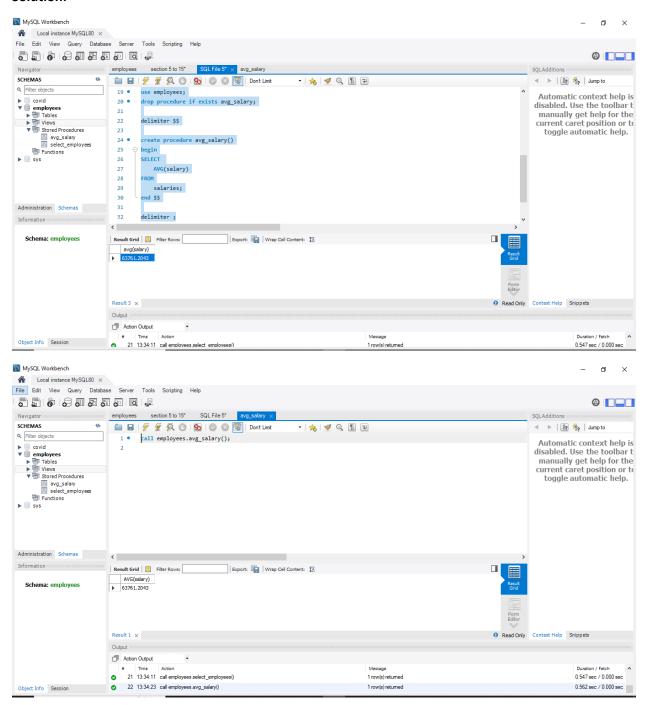


Exercise:

Create a procedure that will provide the average salary of all employees.

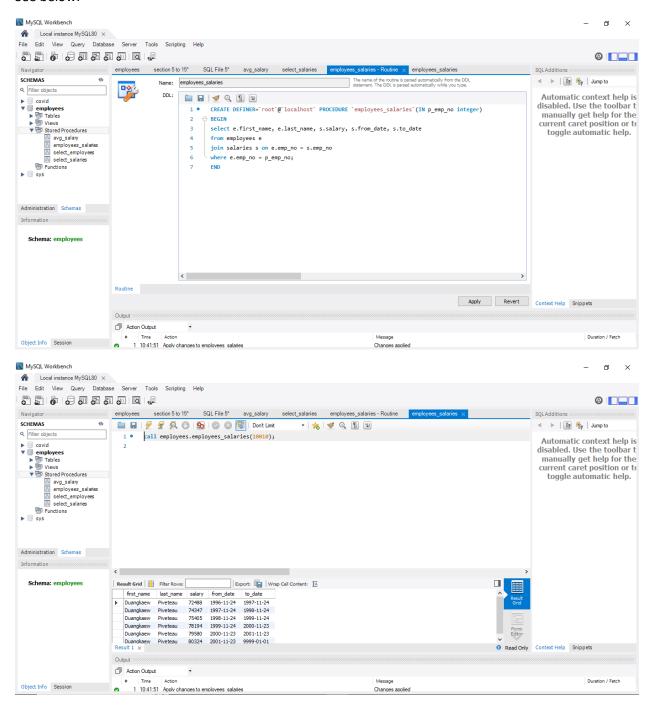
Then, call the procedure.

Solution:

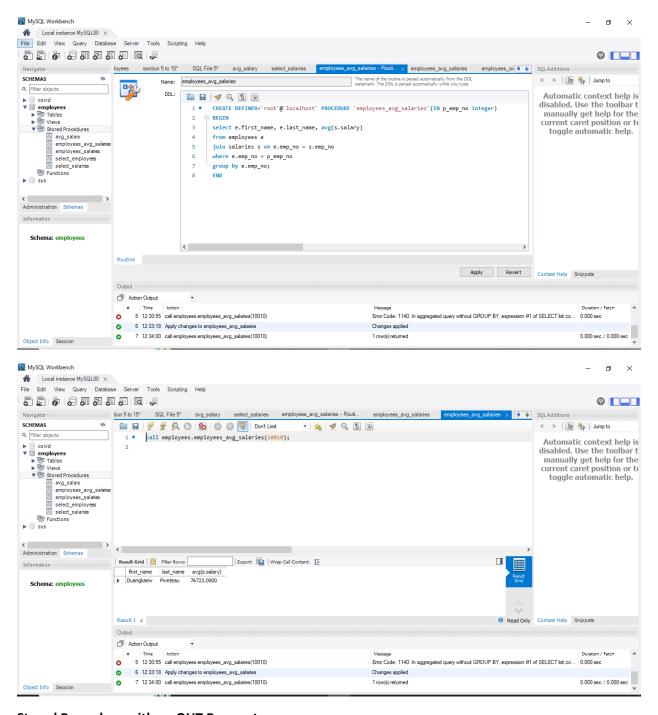


Stored Procedure with an IN Parameter

We created a new stored procedure using IN parameter, giving us employees salaries and their full names. See below:

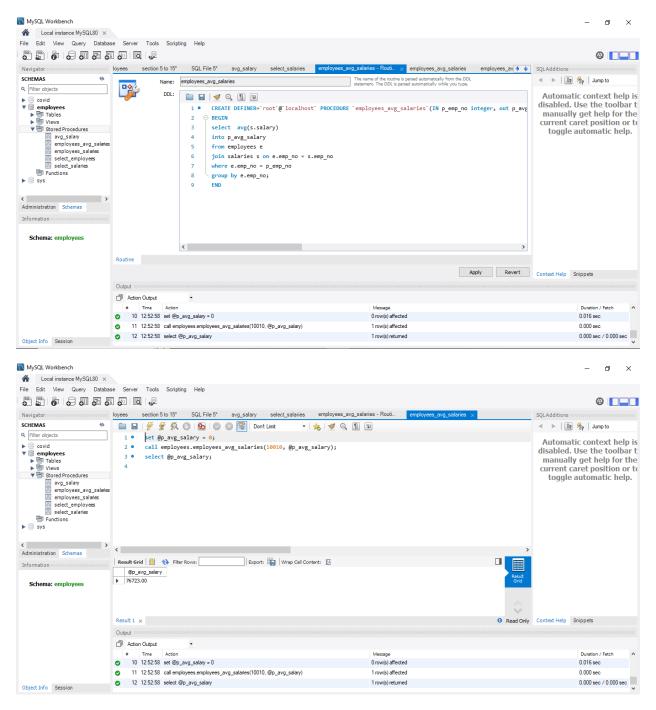


What's the average salary of employee number: 10010?



Stored Procedure with an OUT Parameter

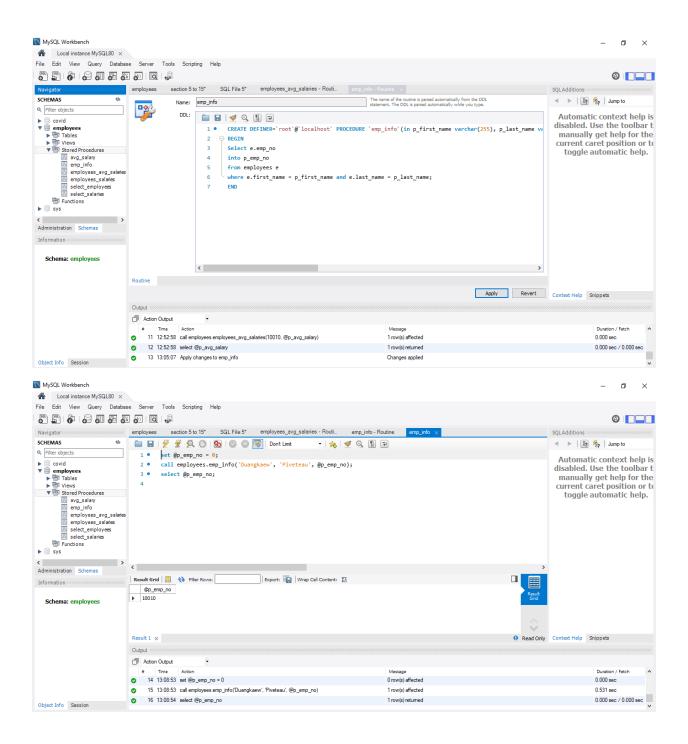
We created another stored procedure using an OUT parameter for the same example discussed above:



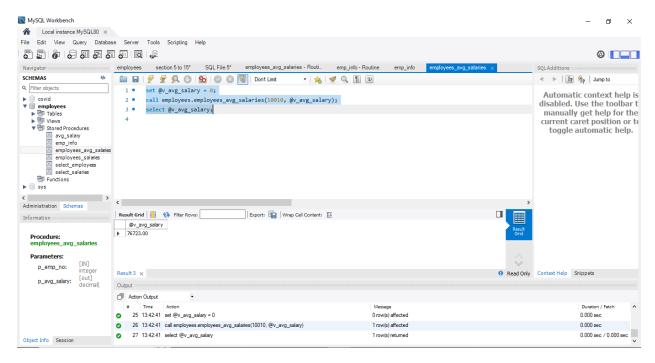
Exercise:

Create a procedure called 'emp_info' that uses as parameters the first and the last name of an individual, and returns their employee number.

Solution:



Variables

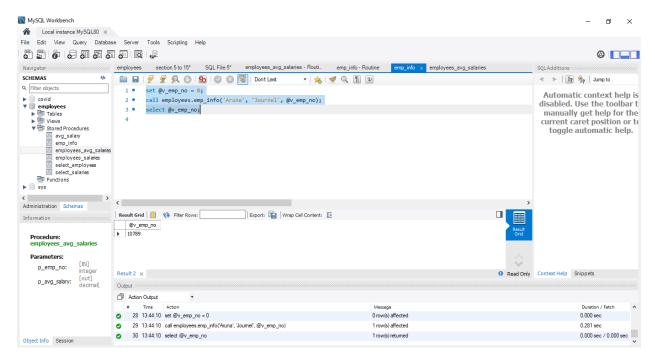


Exercise:

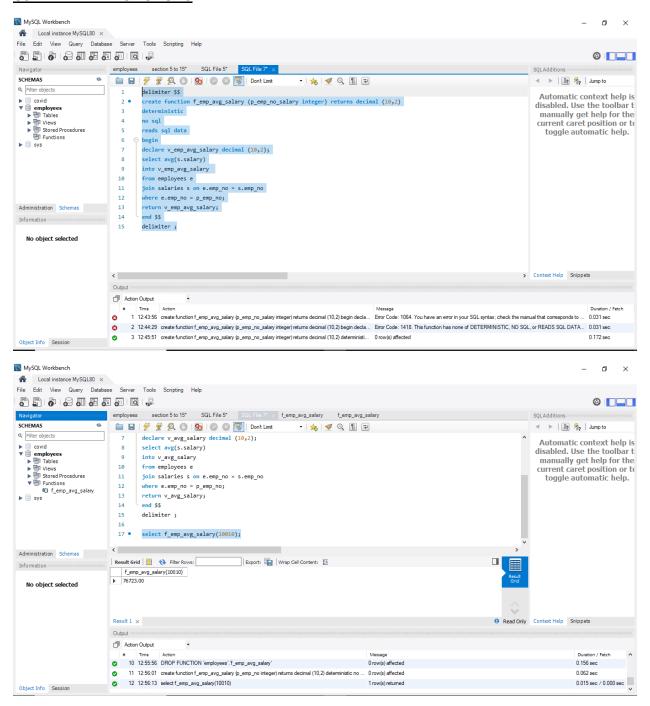
Create a variable, called 'v_emp_no', where you will store the output of the procedure you created in the last exercise.

Call the same procedure, inserting the values 'Aruna' and 'Journel' as a first and last name respectively. Finally, select the obtained output.

Solution:



USER-DEFINED FUNCTIONS



Exercise:

Create a function called 'emp_info' that takes for parameters the first and last name of an employee, and returns the salary from the newest contract of that employee.

Hint: In the BEGIN-END block of this program, you need to declare and use two variables – $v_max_from_date$ that will be of the DATE type, and v_salary , that will be of the DECIMAL (10,2) type.

Finally, select this function.

Solution:

