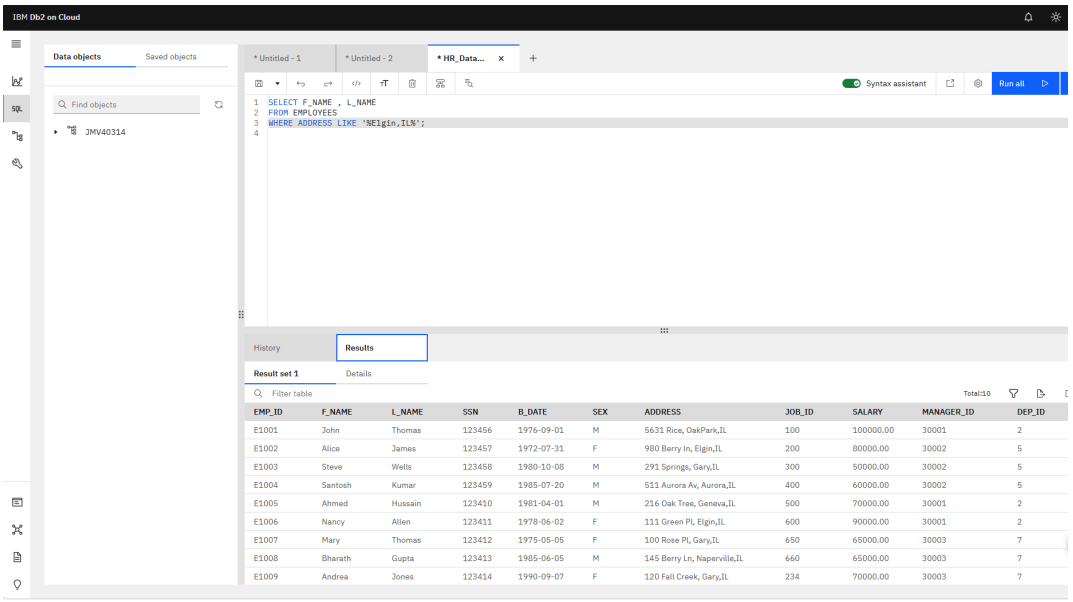
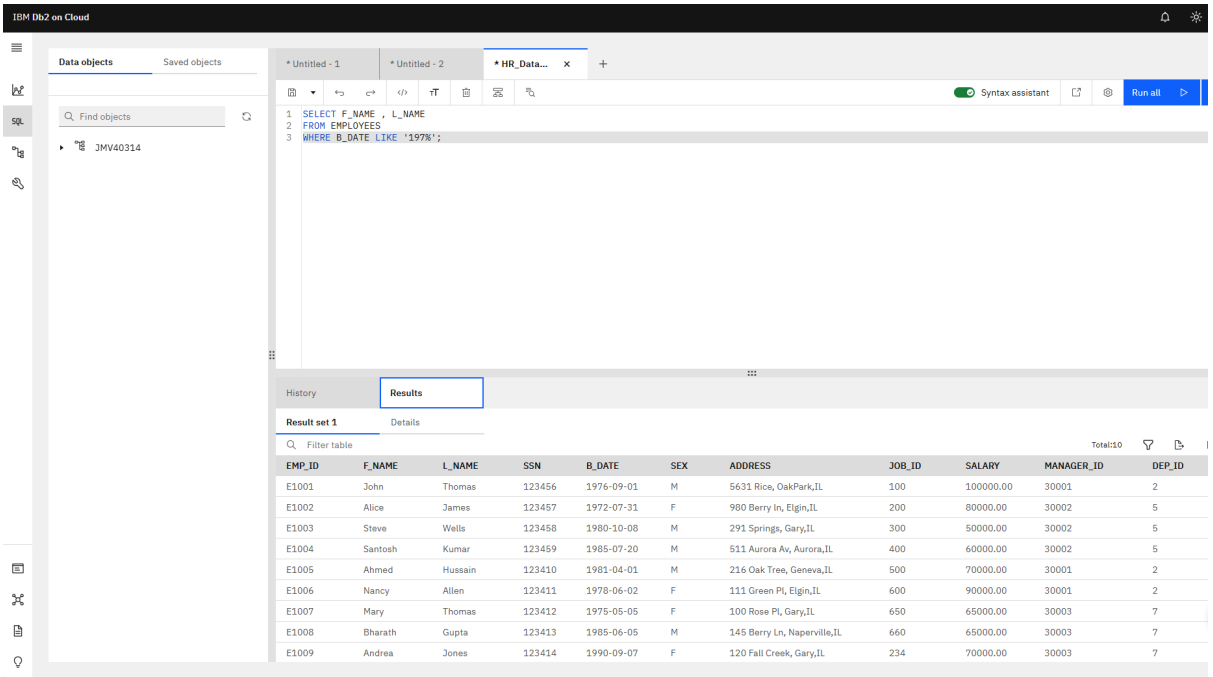
Exercise 1: String Patterns

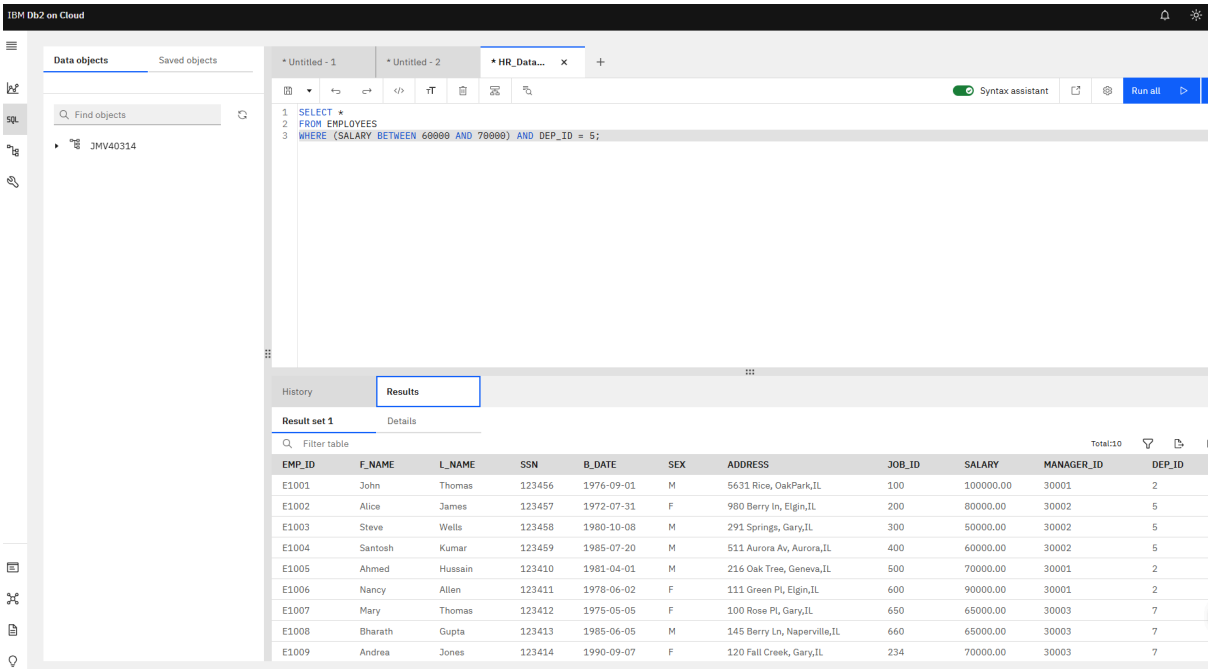
1.-For each department ID retrieve the number of employees in the department.



2.- Retrieve all employees who were born during the 1970's.

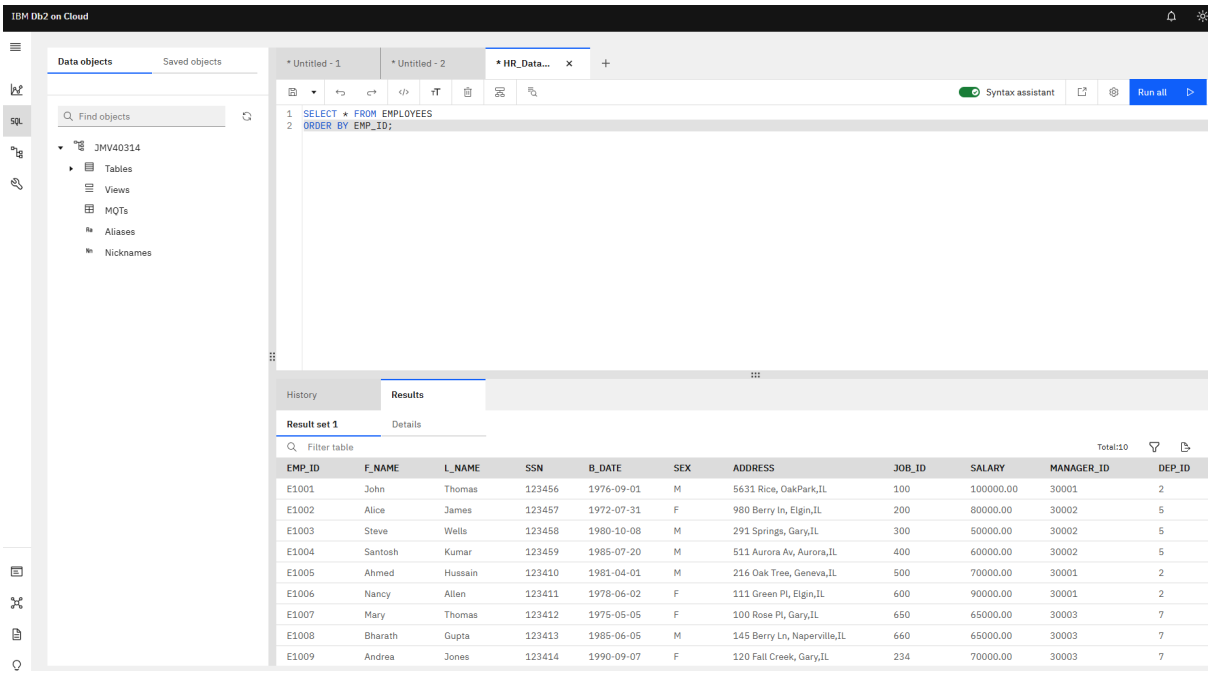


3.- *Retrieve all employees in department 5 whose salary is between 60000 and 70000.*

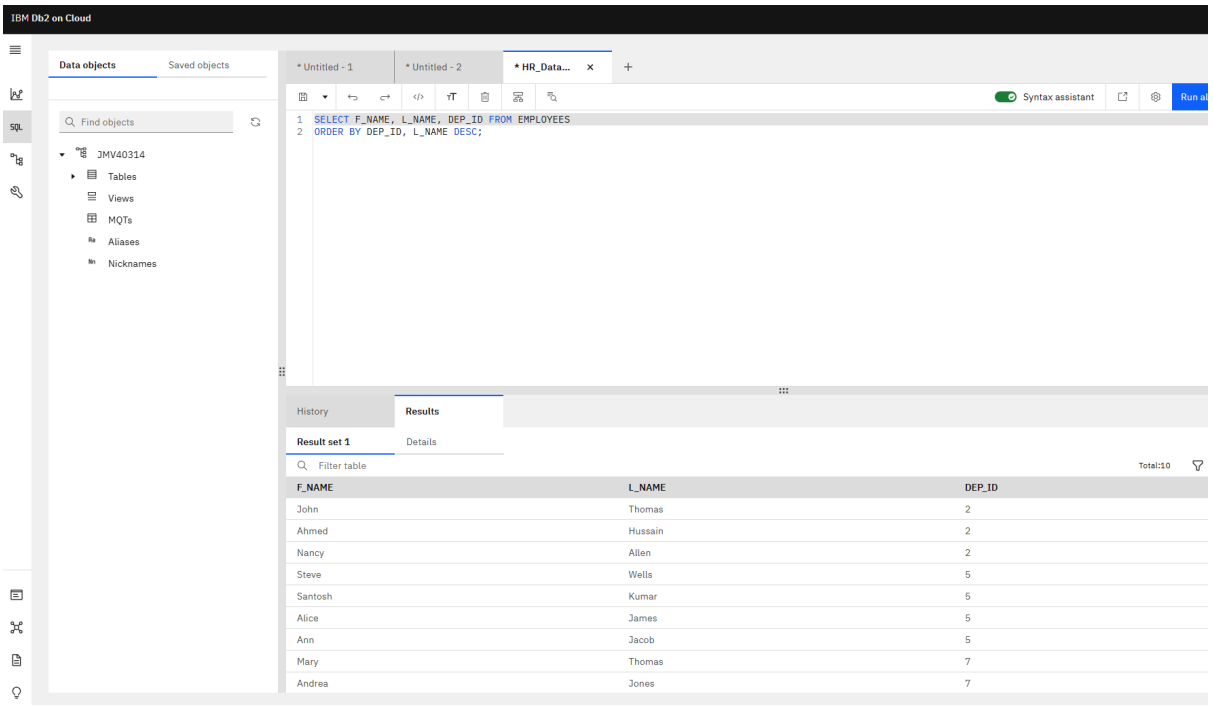


Exercise 2: Sorting

1.- Retrieve a list of employees ordered by department ID.

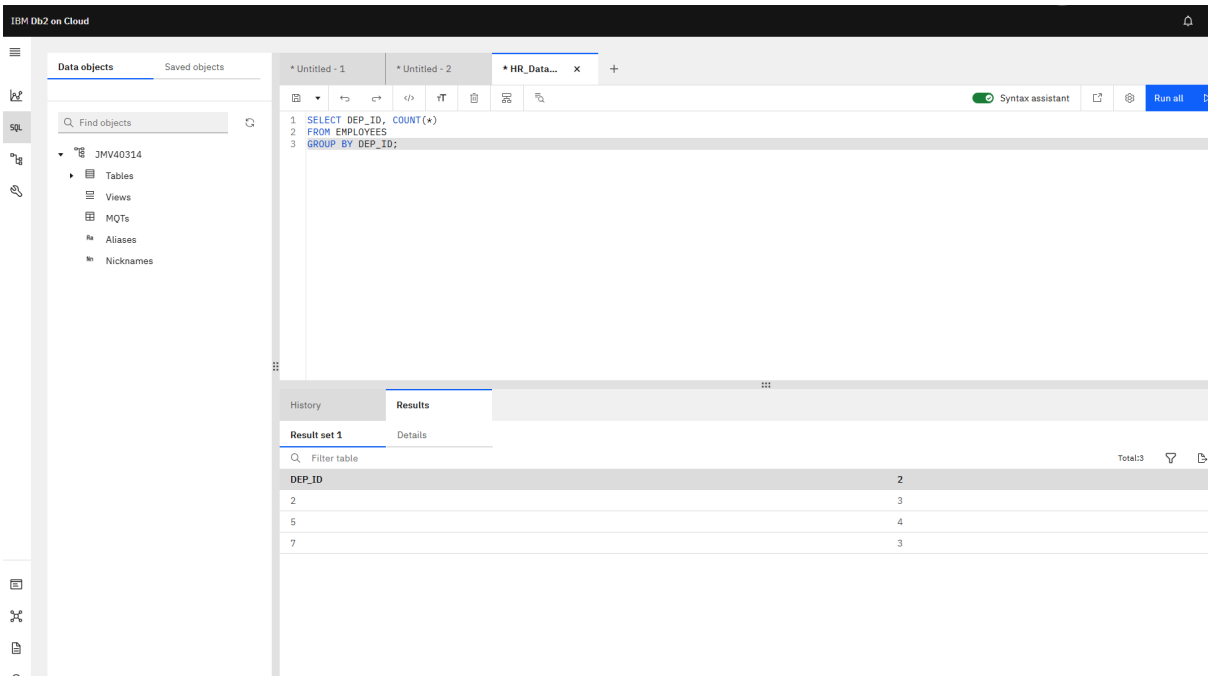


2.- *Retrieve a list of employees ordered in descending order by department ID and within each department ordered alphabetically in descending order by last name.*

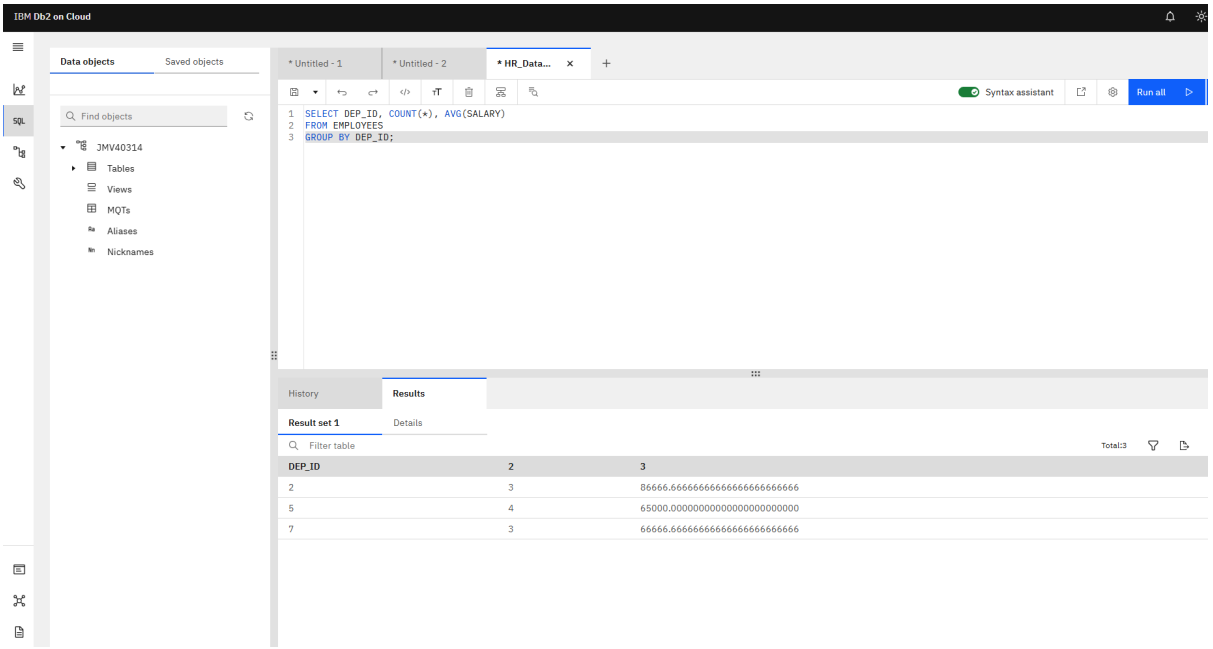


Exercise 3: GROUP

1.- For each department ID retrieve the number of employees in the department.



2.- For each department retrieve the number of employees in the department, and the average employee salary in the department.



3.- Label the computed columns in the result set of SQL problem 2 (Exercise 3 Problem 2) as NUM_EMPLOYEES and AVG_SALARY.