**Rezolvaţi următoarele exercitii**

**Set1 – preluat din tutorialul Oracle-3:**

1. Write a query to display the name, department number, and department name for all employees.
2. Write a query to display the employee name, department name, and location of all employees who earn a commission.
3. Display the employee name and department name for all employees who have an *A* in their name.
4. Write a query to display the name, job, department number, and department name for all employees who work in DALLAS.
5. Display the employee name and employee number along with their manager's name and manager number. Label the columns Employee, Emp#, Manager, and Mgr#, respectively.
6. Modify the statement above to display all employees including King, who has no manager.
7. Create a query that will display the employee name, department number, and all the employees that work in the same department as (are colleagues of) a given employee. Give each column an appropriate label.
8. Show the structure of the SALGRADE table. Create a query that will display the name, job, department name, salary, and grade for all employees.
9. Create a query to display the name and hire date of any employee hired after employee Blake.
10. Display all employees' names and hire dates along with their manager's name and hire date for all employees who were hired before their managers. Label the columns Employee, Emp Hiredate, Manager, and Mgr Hiredate, respectively.
11. Create a query that displays the employees name and the amount of the salaries of the employees are indicated through asterisks (*). Each asterisk signifies a hundred dollars. Sort the data in descending order of salary. Label the column EMPLOYEE_AND_THEIR_SALARIES.

**Set 2:**

1. Pentru interogările de la setul 1 exerciţiile 1, 2, 5, 7 formulaţi expresiile echivalente în algebra relaţională.
2. Formulaţi în algebra relaţională interogarea care extrage numele angajatului care are cel mai mare salariu. Transformaţi apoi expresia în echivalentul său SQL.