Basic Databases – Report08

Wroclaw University of Science and Technology, Date: June 14, 2021

Exercise

3. **Prepare the queries according to given instructions**

   Your SQL Statement:

   select dep.dept_name as "Department name", COUNT(emp.emp_no) as "Number of employees" from dept_emp de

   inner join employees emp on de.emp_no = emp.emp_no

   inner join departments dep on dep.dept_no = de.dept_no

   where year(emp.birth_date)="1960"
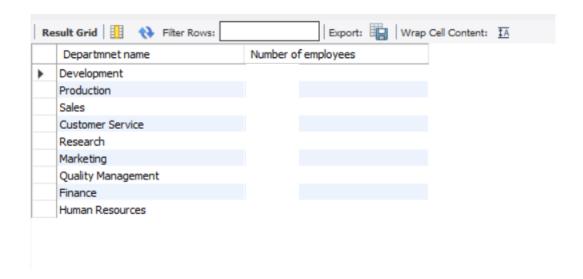
   and de.to_date = "9999-01-01"

   group by dep.dept_no

   order by COUNT(emp.emp_no) DESC

   Explanations:

   1. Select needed columns (department name, count of employees)
   2. Inner join to get info about employees
   3. Inner join to get departments' names
   4. Filter by employees birth year
   5. Filter by employees who currently working in departments
   6. Group by department name to get number of employees for each department
   7. Sort number of employees in descending order

Recommended results:

| Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Departmnet name	Number of employees
▶ Development	
Production	
Sales	
Customer Service	
Research	
Marketing	
Quality Management	
Finance	
Human Resources	

Remarks:

1. **The rule of naming a student's file report is defined below**

Name of the file: **Rep08-StudId-Last name.pdf**	Example: **Rep08-1951355-Turan.pdf**