Basic Databases – Report04

Wroclaw University of Science and Technology, Date: April 12th, 2021

Exercise

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

a) Select MAX(birth_date) as max_birth_date from employees;

   Select MIN(birth_date) as max_birth_date from employees;

b) SELECT MAX(TIMESTAMPDIFF (YEAR, hire_date, CURDATE())) as age FROM employees;

   SELECT MIN(TIMESTAMPDIFF (YEAR, hire_date, CURDATE())) as age FROM employees;

   SELECT AVG(TIMESTAMPDIFF (YEAR, hire_date, CURDATE())) as age FROM employees

e) SELECT COUNT(DISTINCT title) as positions_count from titles

f) .

SELECT salaries.emp_no, employees.first_name,employees.last_name, salary/12 as max_month_salary

FROM salaries

left join employees on salaries.emp_no = employees.emp_no

WHERE salary = (SELECT MAX(salary) FROM salaries);

SELECT salaries.emp_no, employees.first_name,employees.last_name, salary/12 as min_month_salary

FROM salaries

left join employees on salaries.emp_no = employees.emp_no

WHERE salary = (SELECT MIN(salary) FROM salaries)

g)

Select emp_no, birth_date,first_name,last_name,

CONCAT(SUBSTRING(first_name,1,1),SUBSTRING(last_name,1,1)) as initials from employees

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

| Name of the file: **Rep04-StudId-Last name.pdf** | Example: **Rep04-1951355-Turan.pdf** |