CSE370: Database Systems

Assignment 02 | Spring 2025

ID : <24241124> | Name : Nihad Hasan Niloy

No 1 Query (as Plain Text)	select first_name , last_name , email,phone_number , hire_date , department_id from Employee WHERE hire_date = (select MAX(hire_date) FROM Employee);
No 1 SS (of Query & Output in Shell)	MariaDB [company_24241124]> select first_name , last_name , email,phone_number , hire_date , department_id from Employee WHERE hire_date = -> (select MAX(hire_date) FROM Employee);
No 2 Query (as Plain Text)	select first_name, last_name, employee_id, phone_number, salary, department_id from Employee e1 where salary = (select min(salary) from Employee e2 where e1.department_id = e2.department_id);.
No 2 SS (of Query & Output in Shell)	MariaDB [Company_24241124]> select first_name, last_name, employee_id, phone_number, salary, department_id from employee el where salary = (select min(salary) from employ ee e2 where e1.department_id = e2.department_id); first_name last_name employee_id phone_number salary department_id Walter White EMP001 +8801234567890 15000 DPT001 Hank Schrader EMP004 +8801234567890 71000 DPT002 Skyler White EMP005 +8801255978890 50000 DPT005 Todd Alquist EMP009 +88012549863521 77000 DPT003 Nihad Hasan EMP011 +8801274973841 28000 DPT007 5 rows in set (0.001 sec)
No 3 Query (as Plain Text)	select first_name, last_name, employee_id, phone_number, salary, department_id from employee where department_id = 'DPT007' and commission_pct < all (select commission_pct from employee where department_id = 'DPT005'); (I had to update commission_pct to get a desire value for this query)
No 3 SS (of Query & Output in Shell)	MariaDB [company_24241124]> select first_name, last_name, employee_id, phone_number, salary, department_id from employee where department_id = -> 'DPT007' and commission_pct < all (select commission_pct from employee where department_id = 'DPT005'); first_name last_name employee_id phone_number salary department_id Chris Gale EMP010 +8801743896328 88000 DPT007 row in set (0.001 sec)
No 4 Query (as Plain Text)	select department_id, count(*) as total_employee from employee group by department_id having max(salary) <= 30000;

