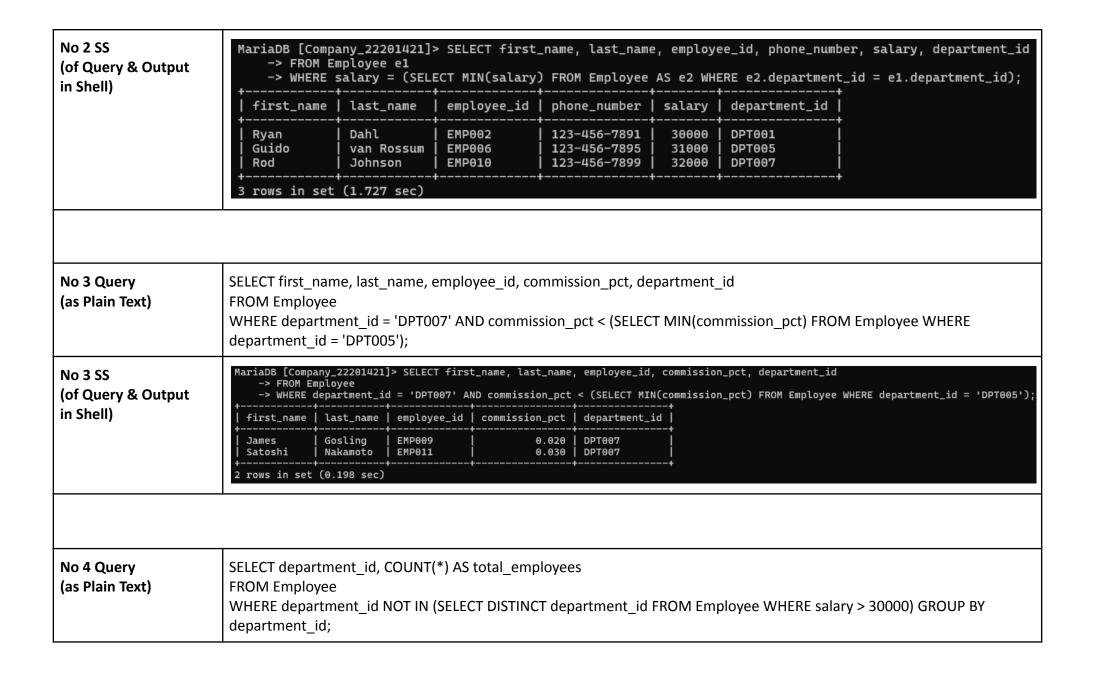
CSE370: Database Systems

Assignment 02 | Fall 2024

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Make a PDF after completing the assignment

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)	<pre>MariaDB [Company_22201421]> SELECT first_name, last_name, email, phone_number, hire_date, department_id -> FROM Employee -> WHERE hire_date = (SELECT MAX(hire_date) FROM Employee);</pre>						
	first_name	last_name	email	phone_number	hire_date	department_id	Ī
	Guido	van Rossum	guido@company.com	123-456- 7 895	2020-0 7 -18	DPT005	Ī
	1 row in set (0.197 sec)						
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 AS e2 WHERE e2.department_id = e1.department_id);						



No 4 SS (of Query & Output in Shell)	<pre>MariaDB [Company_22201421]> SELECT department_id, COUNT(*) AS total_employees -> FROM Employee -> WHERE department_id NOT IN (SELECT DISTINCT department_id FROM Employee WHERE salary > 30000) GROUP BY department_id; Empty set (0.326 sec)</pre>				
No 5 Query (as Plain Text)	SELECT E1.department_id, E1.job_id, E1.commission_pct FROM Employee E1 WHERE E1.commission_pct < (SELECT MIN(E2.commission_pct) FROM Employee E2 WHERE E1.department_id = E2.department_id AND E1.job_id != E2.job_id);				
No 5 SS (of Query & Output in Shell)	<pre>MariaDB [Company_22201421]> SELECT E1.department_id, E1.job_id, E1.commission_pct</pre>				
No 6 Query (as Plain Text)	SELECT DISTINCT manager_id FROM Employee WHERE manager_id NOT IN (SELECT DISTINCT manager_id FROM Employee WHERE salary < 3500);				

```
No 6 SS
                          MariaDB [Company_22201421] > SELECT DISTINCT manager_id
                               -> FROM Employee
(of Query & Output
                               -> WHERE manager_id NOT IN (SELECT DISTINCT manager_id FROM Employee WHERE salary < 3500);
in Shell)
                             manager_id
                             MNG001
                             MNG005
                             MNG007
                            rows in set (0.669 sec)
No 7 Query
                         SELECT E1.first name, E1.last name, E1.employee id, E1.email, E1.salary, E1.department id, E1.commission pct
(as Plain Text)
                         FROM Employee E1
                         WHERE E1.commission pct = (SELECT MIN(E2.commission pct) FROM Employee E2 WHERE E1.manager id =
                         E2.manager id);
No 7 SS
                          MariaDB [Company_22201421]> SELECT E1.first_name, E1.last_name, E1.employee_id, E1.email, E1.salary, E1.department_id, E1.commission_pct
                             -> FROM Employee E1
(of Query & Output
                              -> WHERE E1.commission_pct = (SELECT MIN(E2.commission_pct) FROM Employee E2 WHERE E1.manager_id = E2.manager_id);
in Shell)
                            first_name | last_name | employee_id | email
                                                                                 salary | department_id | commission_pct
                                       Eich
                                                  EMP003
                                                              brendan@company.com
                                                                                  38000
                                                                                         DPT001
                                                                                                               0.030
                            Brendan
                                                  EMP004
                                                                                  42000
                                                                                         DPT005
                                                                                                               0.040
                                       You
                                                              evan@company.com
                            Evan
                                       Gosling
                                                 EMP009
                            James
                                                              james@company.com
                                                                                  33000
                                                                                         DPT007
                                                                                                               0.020
                          3 rows in set (1.726 sec)
```