CSE370: Database Systems

Assignment 02 | Spring 2025

ID : <24241122 > | Name : AYHAN ARASH TASIN

(of Query & Output in Shell) date) FROM Employee); first_name last_name email phone_number hire_date department_id Fatima Akter FatimaAkter@gmail.com 01523456789 2023-02-18 DPT007 Tow in set (0.001 sec) No 2 Query (as Plain Text) select first_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) From Employee group by department_id); No 2 SS (of Query & Output Salary department_id Fatima Akter FatimaAkter@gmail.com 01523456789 2023-02-18 DPT007 DPT007 DPT007 Fatima Akter FatimaAkter@gmail.com 01523456789 2023-02-18 DPT007 Tow in set (0.001 sec) DPT007 Select first_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) First_name,last_name,employee_id,phone_number,salary,department_id Fatima Akter FatimaAkter@gmail.com 01523456789 2023-02-18 DPT007 Tow in set (0.001 sec) DPT007 Select first_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) First_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) First_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) First_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) First_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) First_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) First_name,last_name,employee_id,phone_number,salary,department_id FROM Employee_id,phone_number,salary,department_id FROM Employee_id,phone_number,salary,department_id FROM Employee_id,phone_number,salary,department_id FROM Employee_id,phone_number,salary,department_id FROM Employee_id,phone	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);							
Fatima Akter FatimaAkter@gmail.com 01523456789 2023-02-18 DPT007 Tow in set (0.001 sec) Select first_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) From Employee group by department_id); No 2 SS (of Query & Output in Shell) MariaDB [Company_24241122]> select first_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(saling Aliang Employee group by department_id); First_name last_name employee_id phone_number salary department_id Mohammad Rahman EMP001 01876543210 50000 DPT001 Visuf Aliang EMP004 01623456789 45000 DPT005 Alisha Begum EMP006 01787654321 75000 DPT005 Alisha Begum EMP006 01787654321 48000 DPT005 Alisha Akter EMP007 01523456789 62000 DPT007		MariaDB [Company_24241122]> select first_name , last_name , email,phone_number , hire_date , department_id from Employee WHERE hire_date = (select MAX(hidate) FROM Employee);							
No 2 Query (as Plain Text) MariaDB [Company_24241122]> select first_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) From Employee group by department_id); MariaDB [Company_24241122]> select first_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) From Employee group by department_id); MariaDB [Company_24241122]> select first_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) From Employee group by department_id); Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employee_id phone_number salary department_id Mohammad Rahman Employe	(of Query & Output in Shell)	+ first_name	+ last_name	email	 phone_numb	er hire_date	department_id	† 	
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Employee group by department_id);	•								
first_name last_name employee_id phone_number salary department_id ++	No 2 SS	MariaDB [Company_24241122]> select first_name,last_name,employee_id,phone_number,salary,department_id FROM Employee WHERE salary IN (select MIN(salary) Fr Employee group by department_id);							
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Omar	of Query & Output	Employee gro	oup by depart -+	ment_id); ++	+	+	+	tment_id FROM Employee WHERE salary IN (select MIN(salary) Fr	
Aisha	of Query & Output	Employee gro + first_name + Mohammad	oup by depart -+ last_name -+ Rahman	ment_id); + employee_id ph + EMP001 01		y department_: 0 DPT001	+	tment_id FROM Employee WHERE salary IN (select MIN(salary) Fr	
1	of Query & Output	Employee gro + first_name + Mohammad Yusuf Omar	oup by depart last_name Rahman Ali Hossain	ment_id); +	none_number sala 	ry department_: 0 DPT001 0 DPT003 0 DPT004	+	tment_id FROM Employee WHERE salary IN (select MIN(salary) Fr	
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	No 2 SS (of Query & Output in Shell)	Employee gro	oup by depart last_name Rahman Ali Hossain Hasan Begum Akter	ment_id); +	none_number sala:	y department_: y department_: 0 DPT001 0 DPT003 0 DPT004 0 DPT005 0 DPT006 0 DPT006	+	tment_id FROM Employee WHERE salary IN (select MIN(salary) R	
No 3 Query SELECT first_name, last_name, employee_id, commission_pct, department_id FROM Employee WHERE department	(of Query & Output in Shell)	Employee gro	oup by depart	ment_id); employee_id ph EMP001 01 EMP003 01 EMP004 01 EMP005 01 EMP006 01 EMP007 01 EMP009 01 EMP009 01	none_number sala 1876543210 500 1987654321 550 1623456789 450 1898765432 750 1787654321 480 1523456789 620 1876543211 530	y department_: 0 DPT001 0 DPT003 0 DPT004 0 DPT005 0 DPT006 0 DPT007 0 DPT002	+ id + 		

No 3 SS (of Query & Output in Shell)	MariaDB [Company_24241122]> SELECT first_name, last_name, employee_id, commission_pct, department_id FROM Employee WHERE department_id = 'DPT007' AND commis sion_pct < ALL (SELECT commission_pct FROM Employee WHERE department_id = 'DPT005');
No 4 Query (as Plain Text)	SELECT department_id, COUNT(*) AS total_employees FROM Employee GROUP BY department_id HAVING MAX(salary) <= 30000;
No 4 SS (of Query & Output in Shell)	MariaDB [Company_24241122]> SELECT department_id, COUNT(*) AS total_employees FROM Employee GROUP BY department_id HAVING MAX(salary) <= 30000;
No 5 Query (as Plain Text)	SELECT department_id, job_id, commission_pct FROM Employee e1 WHERE commission_pct < ANY(SELECT 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)	MariaDB [Company_24241122]> SELECT department_id, job_id, commission_pct FROM Employee e1 WHERE commission_pct < ANY(SELECT commission_pct FROM Employee e2 WHERE e1.department_id = e2.department_id AND e1.job_id != e2.job_id); +
	_
No 6 Query (as Plain Text)	select manager_id FROM EMployee Group BY manager_id HAVING MIN(salary)>=3500;

