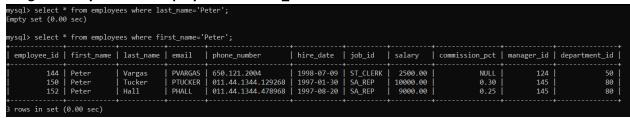
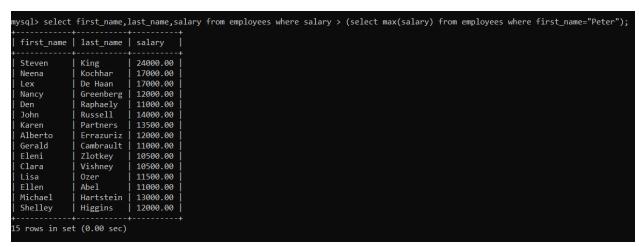
Name: Daniel Thommana SQL ASSGN 4

1. Write a query to find the name (first\_name, last\_name) and the salary of the employees who have a higher salary than the employee whose last\_name='Peter'





2. Write a query to find the name (first\_name, last\_name) and the salary of the employees who have a higher salary than their manager.



3. Write a query to find the name (first\_name, last\_name) of all employees who works in the IT department along with their manager name;



4. Write a query to find the name (first\_name, last\_name), and salary of the employees whose salary is equal to the minimum salary for their job grade.

there is no job grade table available in the database so used job\_id

## Least salary per job

5. Write a query to find the name (first\_name, last\_name), and salary of the employees who earns more than the average salary and works in any of the IT departments.

```
mysql> select e.first_name,e.last_name,e.salary,d.department_name from employees e join departments d on d.department_id = e.department_id where e.salary > (select avg(salary) from employees)

| first_name | last_name | salary | department_name |

| Alexander | Hunold | 9000.00 | IT |

1 row in set (0.00 sec)
```

6. Write a query to find the name (first\_name, last\_name), and salary of the employees who earn the same salary as the minimum salary for all departments.

## Least salary per department

7. Write a query to find the name (first\_name, last\_name) and salary of the employees who earn a salary that is higher than the salary of all the Shipping Clerk (JOB\_ID = 'SH\_CLERK'). Sort the results of the salary of the lowest to highest.

MySQL 8.0 Com	mand Line Client	
⊾ MySQL 8.0 COM L rows in set		
t rows in set	(0.00 Sec)	
/sql> select f	first name.la	st name.sala
	+	+
first_name	last_name	salary
+		+
Jennifer	Whalen	4400.00
David	Austin	4800.00
Valli	Pataballa	4800.00
Kevin	Mourgos	5800.00
Bruce	Ernst	6000.00
Pat	Fay	6000.00
Sundita	Kumar	6100.00
Amit	Banda	6200.00
Charles	Johnson	6200.00
Sundar	Ande	6400.00
Shanta	Vollman	6500.00
Susan	Mavris	6500.00
David	Lee	6800.00
Luis	Popp	6900.00
Oliver	Tuvault Sewall	7000.00
Sarath		7000.00
Kimberely	Grant   Marvins	7000.00
Mattea   Elizabeth	Marvins   Bates	7200.00
William	Smith	7300.00   7400.00
Louise	Doran	7500.00
Nanette	Cambrault	7500.00
Ismael	Sciarra	7700.00
Jose Manuel	Urman	7800.00
Payam	Kaufling	7900.00
Christopher	Olsen	8000.00
Matthew	Weiss	8000.00
Lindsey	Smith	8000.00
John	Chen	8200.00
Adam	Fripp	8200.00
William	Gietz	8300.00
Jack	Livingston	8400.00
Jonathon	Taylor	8600.00
Alyssa	Hutton	8800.00
Daniel	Faviet	9000.00
Peter	Hall	9000.00
Allan	McEwen	9000.00
Alexander	Hunold	9000.00
David	Bernstein	9500.00
Patrick	Sully	9500.00
Danielle	Greene	9500.00
Tayler	Fox	9600.00

Janette	King	10000.00
Peter	Tucker	10000.00
Hermann	Baer	10000.00
Harrison	Bloom	10000.00
Clara	Vishney	10500.00
Eleni	Zlotkey	10500.00
Ellen	Abel	11000.00
Den	Raphaely	11000.00
Gerald	Cambrault	11000.00
Lisa	0zer	11500.00
Nancy	Greenberg	12000.00
Alberto	Errazuriz	12000.00
Shelley	Higgins	12000.00
Michael	Hartstein	13000.00
Karen	Partners	13500.00
John	Russell	14000.00
Lex	De Haan	17000.00
Neena	Kochhar	17000.00
Steven	King	24000.00

8. Write a query to display the employee ID, first name, last name, salary of all employees whose salary is above average for their departments.

9. Write a query to find the 5th maximum salary in the employees table.

10. Write a query to list the department ID and name of all the departments where no employee is working.

```
mysql> select d.department_id,d.department_name from employees e right join departments d on d.department_id=e.department_id where employee_id is null;

| department_id | department_name |
| 120 | Treasury |
| 130 | Corporate Tax |
| 140 | Control And Credit |
| 150 | Shareholder Services |
| 160 | Benefits |
| 170 | Manufacturing |
| 180 | Construction |
| 190 | Contracting |
| 200 | Operations |
| 210 | IT Support |
| 220 | NOC |
| 230 | IT Helpdesk |
| 240 | Government Sales |
| 250 | Retail Sales |
| 260 | Recruiting |
| 270 | Payroll |
| 16 rows in set (0.00 sec)
```