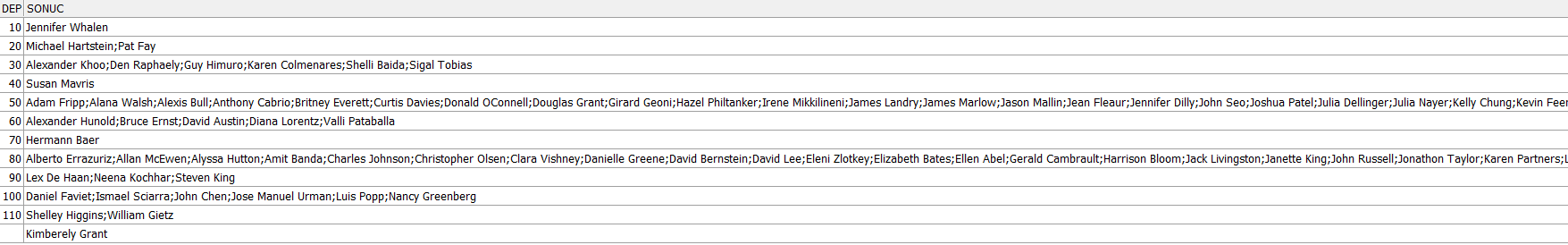
**HOMEWORK 1**

1-List employees’ first name and last name in same department in one row.  
 Firstname Lastname; Firstname Lastname ;

**SELECT**

**e1.department\_id,**

**LISTAGG(e1.first\_name || ' ' || e1.last\_name, ', ') WITHIN GROUP (ORDER BY e1.first\_name, e1.last\_name) AS Employees**

**FROM**

**employees e1**

**GROUP BY**

**e1.department\_id**

**ORDER BY**

**e1.department\_id;**

metin, ekran görüntüsü, yazı tipi, cebir içeren bir resim

Açıklama otomatik olarak oluşturuldu

**HOMEWORK 2**

Write a SQL statement that shows employees’ preceeding 1 and following 1 salary totals in same job\_id and ordered by hiredate.

**SELECT**

**employee\_id,**

**first\_name,**

**last\_name,**

**job\_id,**

**hire\_date,**

**salary,**

**COALESCE(LAG(salary, 1) OVER (PARTITION BY job\_id ORDER BY hire\_date), 0) AS Preceding\_Salary,**

**COALESCE(LEAD(salary, 1) OVER (PARTITION BY job\_id ORDER BY hire\_date), 0) AS Following\_Salary,**

**salary +**

**COALESCE(LAG(salary, 1) OVER (PARTITION BY job\_id ORDER BY hire\_date), 0) +**

**COALESCE(LEAD(salary, 1) OVER (PARTITION BY job\_id ORDER BY hire\_date), 0) AS Total\_Salary**

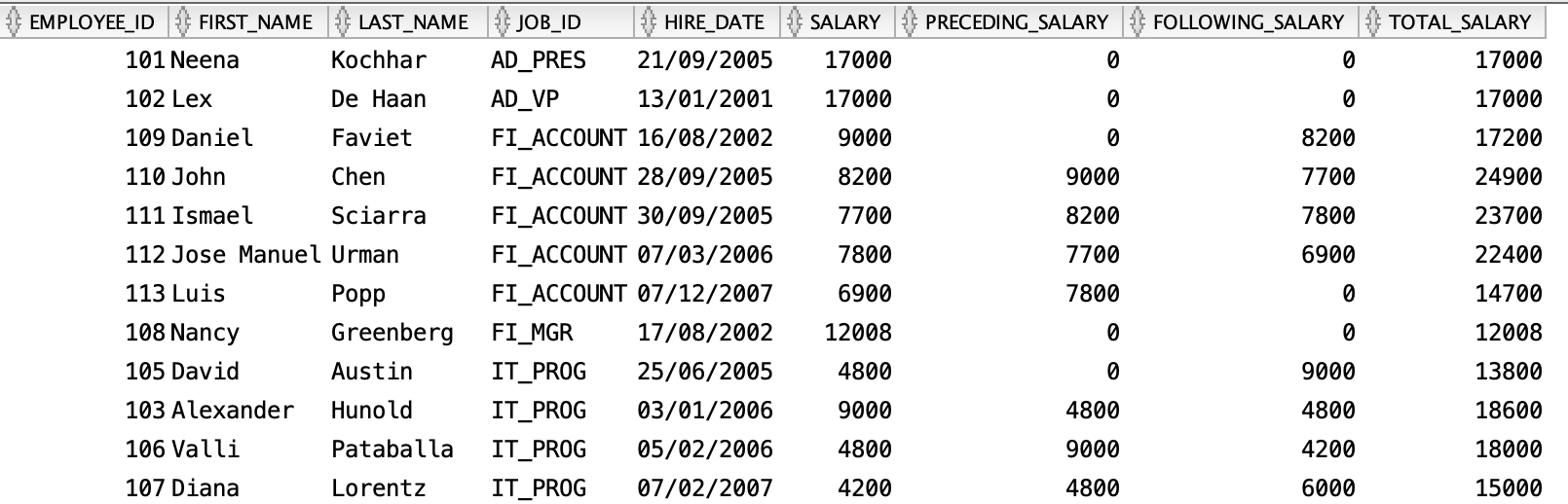
**FROM**

**employees**

**ORDER BY**

**job\_id,**

**hire\_date;**



**HOMEWORK 3**

List employees’ salary orders in their department and exclude higest salaried employee.

**SELECT**

**EMPLOYEE\_ID,**

**FIRST\_NAME,**

**LAST\_NAME,**

**DEPARTMENT\_ID,**

**SALARY**

**FROM (**

**SELECT**

**EMPLOYEE\_ID,**

**FIRST\_NAME,**

**LAST\_NAME,**

**DEPARTMENT\_ID,**

**SALARY,**

**ROW\_NUMBER() OVER (PARTITION BY DEPARTMENT\_ID ORDER BY SALARY DESC) AS SALARY\_RANK**

**FROM**

**EMPLOYEES**

**) RANKED\_SALARY**

**metin, yazı tipi, ekran görüntüsü, beyaz içeren bir resim

Açıklama otomatik olarak oluşturulduWHERE**

**SALARY\_RANK > 1**

**ORDER BY**

**DEPARTMENT\_ID,**

**SALARY\_RANK;**

**HOMEWORK 4**

Listemployees’ hire order according to hiredate year value.

**SELECT**

**EMPLOYEES.\*,**

**EXTRACT(YEAR FROM HIRE\_DATE) AS HIRE\_YEAR**

**FROM**

**EMPLOYEES**

**ORDER BY**

**HIRE\_DATE;**

metin, ekran görüntüsü, yazı tipi, sayı, numara içeren bir resim

Açıklama otomatik olarak oluşturuldu

**HOMEWORK 5**

List employees’ firstname, lastname, salary and salaries of employees’ hired before and after this employee according to hirededate.

**SELECT**

**employee\_id,**

**first\_name,**

**last\_name,**

**salary,**

**LAG(salary, 1, NULL) OVER (ORDER BY hire\_date) AS Previous\_Salary,**

**LEAD(salary, 1, NULL) OVER (ORDER BY hire\_date) AS Next\_Salary**

**FROM**

**employees**

**ORDER BY**

**hire\_date;**

metin, ekran görüntüsü, menü, sayı, numara içeren bir resim

Açıklama otomatik olarak oluşturuldu