

Task 1

You will be given a table.

The table has 2 columns: employee, and salary.

Please output the 3rd Highest Salary!

Tulis query jawaban pada online editor yang telah disarankan atau sesuai dengan preferensi

Notes: anda perlu membuat query table data terlebih dahulu dengan memasukkan query di bawah###

```
CREATE TABLE employee_table (  
    employee TEXT NOT NULL,  
    salary INTEGER  
);  
  
INSERT INTO employee_table (employee, salary) VALUES  
('Alice', 11),  
('Benn', 43),  
('Charles', 33),  
('Dorothy', 55),  
('Emma', 22),  
('Franklin', 33);
```

Answer :

input

```
SELECT DISTINCT salary  
FROM employee_table  
ORDER BY salary DESC  
OFFSET 2 LIMIT 1;
```

Output

Data Output		Messages	Notifications
	salary integer		
1	33		

Task 2

Given table with 2 columns: buyer and item.

- Buyer contains the name of buyer
- Item contains the name of item bought

Return the name of items that is neither bought the most, nor bought the least.

Tulis query jawaban pada online editor yang telah disarankan atau sesuai dengan preferensi

Notes: anda perlu membuat query table data terlebih dahulu dengan memasukkan query di bawah###











```
CREATE TABLE item_bought (  
    buyer TEXT NOT NULL,  
    item TEXT NOT NULL  
);  
  
INSERT INTO item_bought (buyer, item) VALUES  
( 'A', 'Asus'),  
( 'B', 'Lenovo'),  
( 'C', 'Lenovo'),  
( 'D', 'Acer'),  
( 'E', 'Acer'),  
( 'F', 'Acer');
```

Answer :

Input :

```
SELECT item  
FROM  
(  
    SELECT item, COUNT(item) as total  
    FROM "item_bought "  
    GROUP BY item  
) as item_counts  
WHERE total != (SELECT MAX(cnt) FROM (SELECT COUNT(item) as cnt FROM  
"item_bought " GROUP BY item) as T)  
AND total != (SELECT MIN(cnt) FROM (SELECT COUNT(item) as cnt FROM "item_bought  
" GROUP BY item) as T);
```

Output :

Data Output		Messages	Notifications
		        	
	item text 		
1	Lenovo		

- Asus dibeli 1 kali.
- Lenovo dibeli 2 kali.
- Acer dibeli 3 kali.

Barang yang paling sedikit dibeli adalah Asus

Barang yang paling banyak dibeli adalah Acer

Lalu barang apa yang tengah-tengah atau tidak terlalu banyak dan tidak terlalu sedikit ?

Jawabannya adalah:

barang Lenovo.