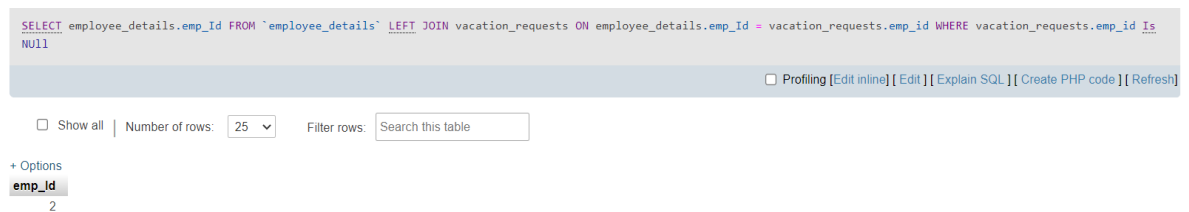


1. Employee IDs who did not submit any vacation requests in 2021

Query :

```
SELECT employee_details.emp_id FROM `employee_details` LEFT JOIN vacation_requests  
ON employee_details.emp_id = vacation_requests.emp_id WHERE vacation_requests.emp_id Is  
NULL
```

Result :



```
SELECT employee_details.emp_id FROM `employee_details` LEFT JOIN vacation_requests ON employee_details.emp_id = vacation_requests.emp_id WHERE vacation_requests.emp_id Is  
NULL
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

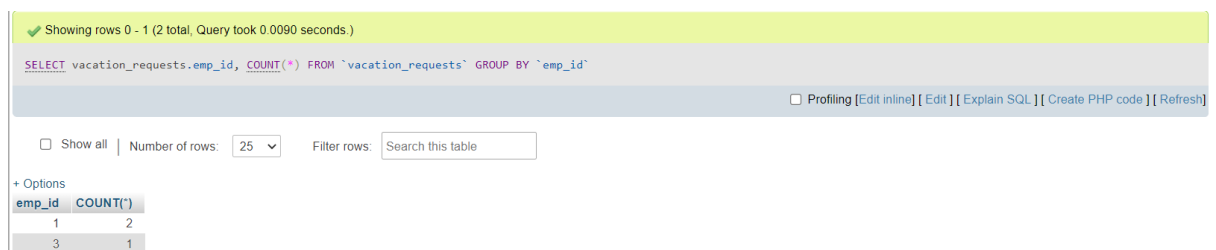
emp_id
2

2. Count of vacation request per employee

Query :

```
SELECT vacation_requests.emp_id, COUNT(*) FROM `vacation_requests` GROUP BY `emp_id`
```

Result :



```
Showing rows 0 - 1 (2 total, Query took 0.0090 seconds )
```

```
SELECT vacation_requests.emp_id, COUNT(*) FROM `vacation_requests` GROUP BY `emp_id`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

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emp_id	COUNT(*)
1	2
2	2
3	1

3. Count of rejected vacations of employee in Department 'D1'

Query :

```
SELECT COUNT(*) FROM `employee_balance` LEFT JOIN vacation_requests
ON employee_balance.emp_id = vacation_requests.emp_id WHERE request_status = 'Rejected'
AND department = 'D1'
```

Result :

Your SQL query has been executed successfully.

```
SELECT COUNT(*) FROM `employee_balance` LEFT JOIN vacation_requests ON employee_balance.emp_id = vacation_requests.emp_id WHERE request_status = 'Rejected' AND department = 'D1'
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

+ Options

COUNT(*)
1

4. List of all employees and their balance for each vacation type

Query :

```
SELECT employee_details.emp_id, employee_details.full_name, employee_balance.balance,
employee_balance.vacation_type FROM `employee_details` LEFT JOIN employee_balance
ON employee_details.emp_id = employee_balance.emp_id
```

Result :

✔ Showing rows 0 - 2 (3 total, Query took 0.0426 seconds.)

```
SELECT employee_details.emp_id, employee_details.full_name, employee_balance.balance, employee_balance.vacation_type FROM `employee_details` LEFT JOIN employee_balance ON employee_details.emp_id = employee_balance.emp_id
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

emp_id	full_name	balance	vacation_type
1	John Snow	18	Annual
2	Walter White	2	Casual
3	Kuldeep Rana	5	Annual

5. List the top 3 employees with the highest balance of annual vacation type

Query :

```
SELECT employee_details.emp_id, employee_details.full_name, employee_balance.balance
FROM `employee_details` LEFT JOIN employee_balance
ON employee_details.emp_id = employee_balance.emp_id WHERE vacation_type = 'Annual'
ORDER BY employee_balance.balance DESC
```

Result :

✓ Showing rows 0 - 1 (2 total, Query took 0.1757 seconds.) [balance: 18... - 5...]

```
SELECT employee_details.emp_id, employee_details.full_name, employee_balance.balance FROM `employee_details` LEFT JOIN employee_balance ON employee_details.emp_id = employee_balance.emp_id WHERE vacation_type = 'Annual' ORDER BY employee_balance.balance DESC
```

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[Create PHP code\]](#) [\[Refresh\]](#)

☐ Show all | Number of rows: | Filter rows: | Sort by key:

+ Options

emp_id	full_name	balance	▼ 1
1	John Snow	18	
3	Kuldeep Rana	5	