**Query that selects only restaurants on Terminal 1, Gate A1**

[SELECT](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e) Restaurant\_ID, Restaurant\_Name

FROM restaurants

WHERE Terminal\_ID [IN](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e#function_in)

([SELECT](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e) Terminal\_ID

 FROM restaurant\_contracts

WHERE restaurants.Terminal\_ID [IN](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e#function_in) ('T01')

[And](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e#operator_and) Gate\_ID [IN](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e#function_in)

([Select](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e) Gate\_ID

From gates

Where gates.Gate\_ID [IN](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e#function_in) ('A1')))

**Query that selects airlines that have ordered item with Item\_ID = I00003**

Select airlines.\*

From airlines

Where Airline\_ID in

(Select Airline\_ID

From airline\_orders

Where Item\_ID = 'I00003')

**Query that displays the number of orders made by Air France**

[Select](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e) [COUNT](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html&server=0&token=e523939ce01ec0696a39527dc3a9a04e#function_count)(Order\_ID)

From airline\_orders Inner Join airlines Using (Airline\_ID)

Where airline\_orders.Airline\_ID ='AF'

**Query that selects suppliers that have supplied KLM for optimization**

[Select](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=69e2a160ba6d69568eddefc554a5ad60) Supplier\_Name

From suppliers

Where Supplier\_ID [In](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html&server=0&token=69e2a160ba6d69568eddefc554a5ad60#function_in)

([Select](http://172.17.48.17:81/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=69e2a160ba6d69568eddefc554a5ad60) Supplier\_ID

 From airline\_orders

Where airline\_ID = 'KLM')

**Query that selects flights that are leaving from gates A1 and B2**

Select flights.\*

From flights

Where Gate\_ID IN ('A1','B2')

**Query that selects every airline, restaurant and shop who bought I00001 for optimization**

Select "Restaurants" as Category, Restaurant\_Name As "Name"

From restaurants

Where Restaurant\_ID IN

(Select Restaurant\_ID

From restaurant\_orders

Where Item\_ID='I00001')

Union

Select "Airlines",Airline\_Name

From airlines

Where Airline\_ID IN

(Select Airline\_ID

From airline\_orders

Where Item\_ID='I00001')

Union

Select "Shops",Shop\_Name

From shops

Where Shop\_ID IN

(Select Shop\_ID

From shop\_orders

Where Item\_ID='I00001')

**Query that selects restaurants that ordered more than 100 items, the order\_ID, supplier and item\_Name**

Select restaurants.\*, restaurant\_orders.Quantity, restaurant\_orders.Order\_ID, suppliers.Supplier\_Name, items.Item\_Name

From restaurants Inner Join restaurant\_orders Using (restaurant\_ID)

Inner Join suppliers Using (Supplier\_ID)

Inner Join items Using (Item\_ID)

Where restaurant\_orders.Quantity > 100

**Query that selects the terminal and airline whose contract ends between 2020 and 2025**

Select terminals.Terminal\_ID, airlines.Airline\_Name

From terminals Inner Join airline\_contracts Using (Terminal\_ID)

Inner Join airlines Using (Airline\_ID)

Where Contract\_Expiration\_Date Between '2020-01-01' And '2025-12-31';

**Query that shows the names of the employees, their positions and their working place who are still working there**

SELECT staff.Staff\_FName, staff.Staff\_LName, staff\_type.Staff\_Type, shops.Shop\_Name

From staff Inner Join shop\_employees Using (Staff\_ID)

Inner Join staff\_type Using (Staff\_ID)

Inner Join shops Using (Shop\_ID)

Where shop\_employees.End\_Date Is NULL

**Query that selects all planes that didn’t do any flights**

Select planes.\*

From flights Right Outer Join planes on (flights.Plane\_ID = planes.Plane\_ID)

Where Flight\_ID is null