

Choose the table(s) you want to create a query from:

FROM

Continue ▶

Tables:

Trip

Passenger

Company

Pass_in_trip

Joins:

Inner Join

Left Join

Right Join

Outer Join



Trip	
id	int
company	int
plane	varchar
town_from	varchar
town_to	varchar
time_out	datetime
time_in	datetime

Pass_in_trip	
id	int
trip	int
passenger	int
place	varchar

Passenger	
id	int
name	varchar

Company	
id	int
name	varchar



Choose the table(s) you want to create a query from:

FROM

Tables:

Joins:

id | company | plane | town_from |
town_to | town_out | time_in | trip |
passenger | place | name



Trip	
id	int
company	int
plane	varchar
town_from	varchar
town_to	varchar
time_out	datetime
time_in	datetime

Pass_in_trip	
id	int
trip	int
passenger	int
place	varchar

Passenger	
id	int
name	varchar

Company	
id	int
name	varchar



Choose the table(s)
you want to create a query
from:

FROM

Tables:

Joins:

Query:

```
SELECT   
FROM  Inner Join  
Pass_in_trip On   
Inner Join  On  

```

Commands:

WHERE

DISTINCT

ORDER BY

COUNT()

AVG()

GROUP BY

LIKE

LIKE

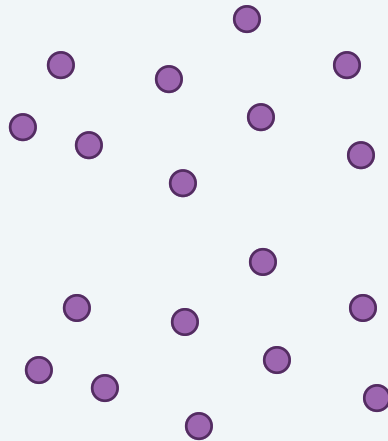
LIKE

LIKE

Result:

Run ▶

	id	company	plane	town_from	town_to
1	1100	4	Boeing	Rostov	Paris
2	1101	4	Boeing	Paris	Rostov
3	1123	3	TU-154	Rostov	Vladivostok
4	1124	3	TU-154	Vladivostok	Rostov
5	1145	2	IL-86	Moscow	Rostov
6	1146	2	IL-86	Rostov	Moscow



Query:

```
SELECT   
FROM    
    
    

```

WHERE ...

Commands:

WHERE

DISTINCT

ORDER BY

COUNT()

AVG()

GROUP BY

LIKE

LIKE

LIKE

LIKE

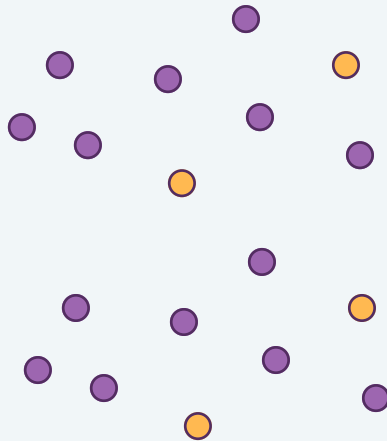
Result:

Run



	id	company	plane	town_from	town_to
1	1100	4	Boeing	Rostov	Paris
2	1101	4	Boeing	Paris	Rostov
3	1123	3	TU-154	Rostov	Vladivostok
4	1124	3	TU-154	Vladivostok	Rostov
5	1145	2	IL-86	Moscow	Rostov
6	1146	2	IL-86	Rostov	Moscow

Simulation:



Query:

SELECT
FROM Inner Join
Pass_in_trip On
Inner Join

Commands:

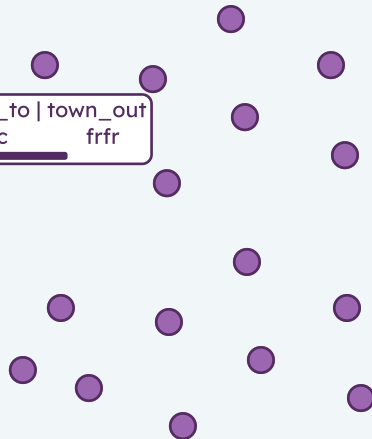
WHERE
DISTINCT
ORDER BY
GROUP BY
LIKE
LIKE
LIKE
LIKE

id	company	plane	town_from	town_to	town_out
1	231	32	abc	bvc	frfr

Result:

Run ▶

	id	company	plane	town_from	town_to
1	1100	4	Boeing	Rostov	Paris
2	1101	4	Boeing	Paris	Rostov
3	1123	3	TU-154	Rostov	Vladivostok
4	1124	3	TU-154	Vladivostok	Rostov
5	1145	2	IL-86	Moscow	Rostov
6	1146	2	IL-86	Rostov	Moscow



Query:

```
SELECT   
FROM    
 ON   
 ON   
DISTINCT
```

Commands:

WHERE

DISTINCT

ORDER BY

COUNT()

AVG()

GROUP BY

LIKE

LIKE

LIKE

LIKE

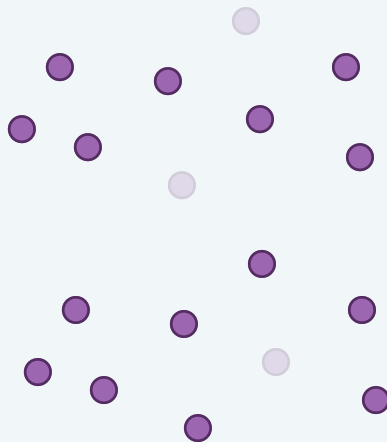
Result:

Run



	id	company	plane	town_from	town_to
1	1100	4	Boeing	Rostov	Paris
2	1101	4	Boeing	Paris	Rostov
3	1123	3	TU-154	Rostov	Vladivostok
4	1124	3	TU-154	Vladivostok	Rostov
5	1145	2	IL-86	Moscow	Rostov
6	1146	2	IL-86	Rostov	Moscow

Simulation:



Query:

```
SELECT   
FROM    
Pass_in_trip On id = trip  
Inner To   
ORDER BY  
... ASC
```

Commands:

WHERE

DISTINCT

ORDER BY

COUNT()

AVG()

GROUP BY

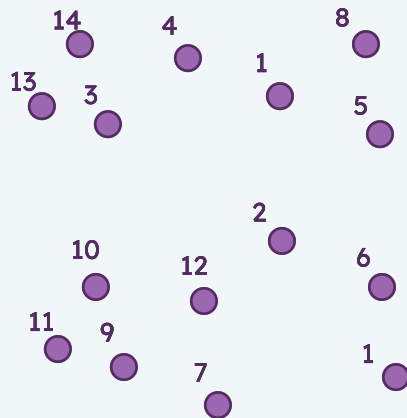
LIKE

LIKE

LIKE

LIKE

Simulation:



Result:

Run



	id	company	plane	town_from	town_to
1	1100	4	Boeing	Rostov	Paris
2	1101	4	Boeing	Paris	Rostov
3	1123	3	TU-154	Rostov	Vladivostok
4	1124	3	TU-154	Vladivostok	Rostov
5	1145	2	IL-86	Moscow	Rostov
6	1146	2	IL-86	Rostov	Moscow

Query:

```
SELECT  
FROM Trip Inner Join  
Pass_in_trip On id = trip  
Inner Join On  
passenger = id
```

COUNT(*)

Commands:

WHERE

DISTINCT

ORDER BY

COUNT()

AVG()

GROUP BY

LIKE

LIKE

LIKE

LIKE

Result:

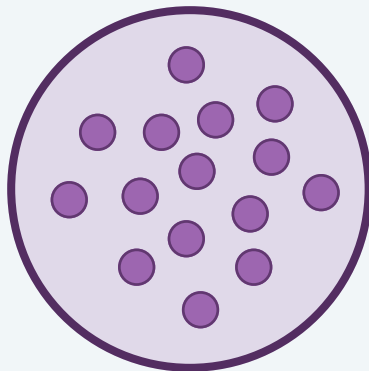
Run



	id	company	plane	town_from	town_to
1	1100	4	Boeing	Rostov	Paris
2	1101	4	Boeing	Paris	Rostov
3	1123	3	TU-154	Rostov	Vladivostok
4	1124	3	TU-154	Vladivostok	Rostov
5	1145	2	IL-86	Moscow	Rostov
6	1146	2	IL-86	Rostov	Moscow

Simulation:

Amount: 15



Query:

```
SELECT   
FROM    
 ON   
COUNT(plane)  

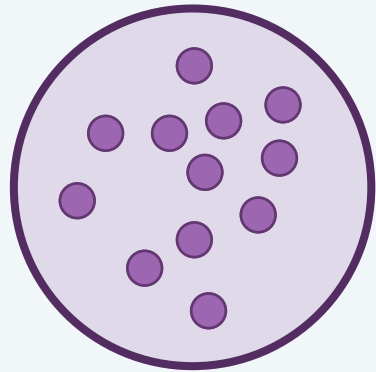
```

Commands:

- WHERE
- DISTINCT
- ORDER BY
- COUNT()
- AVG()
- GROUP BY
- LIKE
- LIKE
- LIKE
- LIKE

Simulation:

Amount: 15



plane is NULL

Result:

Run ▶

	id	company	plane	town_from	town_to
1	1100	4	Boeing	Rostov	Paris
2	1101	4	Boeing	Paris	Rostov
3	1123	3	TU-154	Rostov	Vladivostok
4	1124	3	TU-154	Vladivostok	Rostov
5	1145	2	IL-86	Moscow	Rostov
6	1146	2	IL-86	Rostov	Moscow

Query:

```
SELECT   
FROM    
 ON   
AVG(Company)  

```

Commands:

- WHERE
- DISTINCT
- ORDER BY
- COUNT()
- AVG()
- GROUP BY
- LIKE
- LIKE
- LIKE
- LIKE

Simulation:

AVG:



$$5*4 + 4*2 + 3*3 + 2*1 + 1*5$$

$$5 + 4 + 3 + 2 + 1$$

Result:

Run ▶

	id	company	plane	town_from	town_to
1	1100	4	Boeing	Rostov	Paris
2	1101	4	Boeing	Paris	Rostov
3	1123	3	TU-154	Rostov	Vladivostok
4	1124	3	TU-154	Vladivostok	Rostov
5	1145	2	IL-86	Moscow	Rostov
6	1146	2	IL-86	Rostov	Moscow

Query:

```
SELECT
FROM Trip
Inner Join
Pass_in_trip
On id = trip
SUM(Company)
passenger = id
```

Commands:

WHERE

DISTINCT

ORDER BY

COUNT()

AVG()

GROUP BY

LIKE

LIKE

LIKE

LIKE

Simulation:

SUM:



$$5*4 + 4*2 + 3*3 + 2*1 + 1*5$$

Result:

Run ▶

	id	company	plane	town_from	town_to
1	1100	4	Boeing	Rostov	Paris
2	1101	4	Boeing	Paris	Rostov
3	1123	3	TU-154	Rostov	Vladivostok
4	1124	3	TU-154	Vladivostok	Rostov
5	1145	2	IL-86	Moscow	Rostov
6	1146	2	IL-86	Rostov	Moscow