

my.newtonschool.co/playground/database/pglh85ss25zb

Back | MySQL

KV

Run

Save

MySQL

25 {205, 6, '2024-01-28', 1200.00};

26

27 --data retrieval

28 SELECT * FROM orders1;

29 SELECT * FROM payments;

30

OUTPUT

ERROR

order_id	customer_id	order_date	total_amount
1	101	2024-01-10	2500.00
2	102	2024-01-12	1800.00
3	103	2024-01-15	3200.00
4	101	2024-01-20	1500.00
5	104	2024-01-25	4000.00

payment_id	order_id	payment_date	amount
201	1	2024-01-11	2500.00
202	2	2024-01-13	1800.00
203	3	2024-01-16	3000.00
204	5	2024-01-26	4000.00
205	6	2024-01-28	1200.00

MySQL ▾

```
48 #BETWEEN
49 SELECT * FROM orders1
50 WHERE total_amount BETWEEN 2000 AND 4000;
51 #IN / NOT IN
52 SELECT * FROM orders1
53 WHERE customer_id IN (101, 103);
54 SELECT * FROM orders1
55 WHERE customer_id NOT IN (102);
56
```

OUTPUT ERROR

order_id	customer_id	order_date	total_amount
1	101	2024-01-10	2500.00
3	103	2024-01-15	3200.00
5	104	2024-01-25	4000.00
order_id	customer_id	order_date	total_amount
1	101	2024-01-10	2500.00
3	103	2024-01-15	3200.00
4	101	2024-01-20	1500.00
order_id	customer_id	order_date	total_amount
1	101	2024-01-10	2500.00
3	103	2024-01-15	3200.00

MySQL playground URL: my.newtonschool.co/playground/database/pglh85sc25zb

Back | MySQL

KV

Run

Save

MySQL

SELECT * FROM orders1 ORDER BY total_amount ASC;

SELECT * FROM orders1 ORDER BY order_date DESC;

OUTPUT

ERROR

order_id	customer_id	order_date	total_amount
4	101	2024-01-20	1500.00
2	102	2024-01-12	1800.00
1	101	2024-01-10	2500.00
3	103	2024-01-15	3200.00
5	104	2024-01-25	4000.00
order_id	customer_id	order_date	total amount
5	104	2024-01-25	4000.00
4	101	2024-01-20	1500.00
3	103	2024-01-15	3200.00
2	102	2024-01-12	1800.00
1	101	2024-01-10	2500.00

MySQL

```
31 #where condition
32 SELECT * FROM orders1 WHERE total_amount > 2000;
33 #aggregate functions
34 SELECT SUM(total_amount) AS total_sales FROM orders1;
35 SELECT AVG(total_amount) AS avg_order_value FROM orders1;
36 SELECT MAX(total_amount) FROM orders1;
37 SELECT MIN(total_amount) FROM orders1;
38 SELECT COUNT(*) AS total_orders FROM orders1;
39
```

OUTPUT ERROR

order_id	customer_id	order_date	total_amount
1	101	2024-01-10	2500.00
3	103	2024-01-15	3200.00
5	104	2024-01-25	4000.00
total_sales			
13000.00			
avg_order_value			
2600.000000			
MAX(total_amount)			
4000.00			
MIN(total_amount)			

[← Back](#) | [MySQL](#)

KV

[▶ Run](#)[Save](#)

MySQL

```
93 #VIEW
94 CREATE VIEW order_payment view AS
95 SELECT o.order_id, o.customer_id, o.total_amount, p.payment_date, p.amount
96 FROM orders1 o
97 LEFT JOIN payments p
98 ON o.order_id = p.order_id;
99
100 SELECT * FROM order_payment view;
101
```

[OUTPUT](#) | [ERROR](#)

order_id	customer_id	total_amount	payment_date	amount
1	101	2500.00	2024-01-11	2500.00
2	102	1800.00	2024-01-13	1800.00
3	103	3200.00	2024-01-16	3000.00
4	101	1500.00	NULL	NULL
5	104	4000.00	2024-01-26	4000.00