

## SQL Exercise UNION UNION ALL

1. Unique customer name

```
SELECT customer - name  
FROM online - sales  
UNION  
SELECT customer - name  
FROM store - sales ;
```

Customer - name
Alice
Brian
Carol
Daniel
Emma
Fiona
<del>George</del> George
Henry

2. SELECT customer - name  
FROM online - sales  
UNION ALL

```
SELECT customer - name  
FROM store - sales ;
```

Customer - name
Alice
Brian
Carol
Daniel
Emma
Fiona

2025-02-05
2025-03-10
2025-04-15
2025-05-02
2025-01-20
2025-02-08
2025-03-25
2025-04-18
2025-05-05

5. SELECT customer-name,  
amount  
FROM online-sales  
WHERE amount > 250  
UNION  
SELECT customer-name,  
amount  
FROM sales store-sales  
WHERE amount > 250

Customer-name	amount
Carol	300
George	310
Henry	270

6. SELECT customer-name,  
amount,  
sale-date  
FROM online-sales  
UNION ALL  
SELECT customer-name,



amount,  
 Sale-date  
 FROM store-sales;

customer-name	amount	sale-date
Alice	150	2025-01-12
Brian	250	2025-02-05
Carol	300	2025-03-10
Daniel	220	2025-04-15
Emma	180	2025-05-02
Fiona	200	2025-01-20
Brian	250	2025-02-08
George	310	2025-03-25
Alice	150	2025-04-18
Henry	270	2025-05-05

1. SELECT customer-name,  
 amount,  
 sale-date

'Online' AS source

FROM online-sales

UNION ALL

SELECT customer-name  
 amount,  
 sale-date

'store' AS source

FROM store-sales;

customer-name	amount	sale-date	source
Alice	150	2025-01-12	online
Brian	250	2025-02-05	online



	300		
Carol	<del>150</del>	2025-03-10	online
Daniel	220	2025-04-15	online
Emma	180	2025-05-02	online
Fiona	200	2025-01-20	store
Brian	250	2025-02-08	store
George	310	2025-03-25	store
Alice	150	2025-04-18	store
Henry	270	2025-05-05	store

8. SELECT customer\_name  
COUNT(\*) AS occurrences  
FROM C

SELECT customer\_name FROM online-sales  
UNION ALL

SELECT customer\_name  
FROM store-sales) AS combined  
GROUP BY customer\_name  
HAVING COUNT(\*) > 1;

Customer_name	occurrences
Alice	2
Brian	2

9. SELECT  
SUM(amount) AS total\_amount  
FROM C

SELECT amount FROM online-sales  
UNION ALL

SELECT amount FROM store-sales) AS combined  
total\_amount  
2300