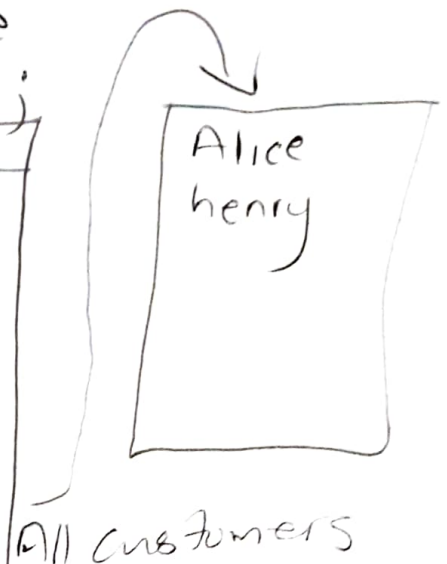# Exercise 7

①
```
SELECT   customer_name
FROM     Online_sales
UNION
SELECT   customer_name
FROM     Store_sales ;
```
Unique customer names

Customer_name	U
Alice	
Brian	
Carol	
Daniel	
Emma	
Fiona	
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
Brian
George

Alice
henry

All customers

③ SELECT   sale_date
   FROM   Online_sales
   Order by   ~~ASC~~ Sale_date ASC
   UNION
   SELECT   sale_date
   FROM   Store_sales
   Order by   Sales date   ASC;
                  Unique data sales

Sales_date
2025-01-12
2025-01-20
2025-02-05
2025-02-08
2025-03-10
2025-03-25
2025-04-15
2025-04-18
2025-05-02
2025-05-05

All Sales Data

④ SELECT   sale_date
   FROM   Online_sales
   UNIONALL
   SELECT   Sale_date
   FROM   Store_sales;

Sales_date
2025-01-12
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 Store_sales
WHERE Amount > 250;

high Value Customers

Customer-Name	Amount
Carol	300
George	310
Henry	270

(6) SELECT Customer_name, Amount, Sales_date
UNIONALL
SELECT Custom

⑥ SELECT   Customer_name,
               Amount,
               sale_date
   FROM   Online_sales
   UNIONALL
   SELECT   Customer_name,
               Amount,
               Sales_date
   FROM   Store_sales ;

cust_name	Amount	Sale_date
Alice	150	2025-01-12
Brian	250	2025-02-05
Carol	300	2025-03-10
Daniel	220	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

⑦ SELECT   sat 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 ;

Custome_nare	Amount	Sale _ date	Source
Alice	150	2025-01-12	Online
Brian	250	2025 - 02 -05	Online
Carol	300	2025 - 03 to	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
FROM   Online_sale
UNION ALL
SELECT   customer_name
FROM   Store_sales
Group by   customer_name
HAVING   COUNT (*) > 1   ~~Asclllulunus.~~
AND Sale-date AS Occurrancies

Customer_nune	Occurrancies
Alice	2025-01-12 & 2025-04-18
Brian	2025 -02-05 & 2025 - 02 -08

⑨ Select   SUM (amount) AS total_sales
FROM   Online_sales
UNION ALL
SELECT sum (amount) AS total_sales
FROM   store_sales

Total_sales
2,280

* Bonus Challenge

```
SELECT  Customer_name
        Sum (Amount) As total_spent
FROM    Online_sales
SELECT  e
UNION ALL
SELECT      Customer name
        sum (Amount) As total_spent
FROM        Store_sales;
```

Customer_name	total_spent
Alice	300
Brian	500
Carol	300
Daniel	220
Emma	180
Fiona	200
George	310
Henry	270