Landenski		
	customer_nome	
FROM	online_sales	
UNION		
	customer name	
FROM	store sales;	
Expected	output table	
customa		
Brian		
Daniel		
Emmo		
Figning		
Grearge		
Henry		
2 SELECT	coistomer_name	
FROM	untine sales	
UNION A		
SEIECT	euslamer_name.	
FROM	store_scales;	
Expected	oulput toble	
customer	_nome	
Alice		
Brian		

Daniel

brian	
George	
Alice	
Henry	
Licolana all customer names including d	aplicates like 'Alice' 3 Brian who appear in
both tables	
00411 10010	
Unique Sales Dates	
Syntox	
SEIECT sale date	
FROM online oales	
Union	
SEIECT sale date	
FROM store sales	
Order By sale date 1950,	
Expected Output table	
sale date	
2025-01-12	
2025 - 01 - 20	
2025 - 02 - 65	
2029 - 02 - 08	
2025 - 03 - 10	
2023 - 03 - 25	
2025 - 04 - 15	
2025 - 04 - 18	
2025 -05 -02	
2025 - 05 - 05	
	removing any duplicates, & ORDER BY puts that

4. All sale Dates (including Duplicates) SOL Code sale_date SELECT conline_sales FROM UNION ALL SELECT Bale_date store_sales FROM sale_date ASCJ ORDER BY Expected Output toble sale date 3 AND 1842 2025 -01 - 12 JAN 3 STATE 12 2025 - 01 - 20 2025 - 02 - 05 2005 3005 2025 - 02 - 08 PARTE 13/12 3613 2025 - 03 - 10 2025 - 03 - 25 2025 - 04 - 15 2025 - 04 - 18 2025 - 05 - 02 2025 - 05 - 05 * All dates are unique and not duplicated

Bright Live The Charles of the state of the

	1 10 Line Citations			
	sar Coole			
	SELECT customer name, amo	runt		
	FROM online soiles			
	WHERE amount > 250			
	UNION			
	SELECT customer_name,	amount		
	FROM Store solles			
	WHERE amount > 250			
	Expected Output:			
	Customer_name	-amount		
	Carol	300		
	Crearge	3(0		
	Henry	27()		
1-	. Combined Sales Dates			
76		, amount, sale date		
	UNION ALL	ne, amount, sale	date	
	FROM store sales			
		amount	sale date	
			2025-01-12	
	AUICE	180		
	BRIAN	250	2025-02-05	
	CAROL	300	2025 -03-10	
	Daniel	220	2025 - 04-15	
	Emmo	180	2029 - 05- 02	
	Fiona	200	2029 -01 -20	
	Brian	2S0	2025 - 02 - 08	
	George	310	2023 -03 -25	
	Alice	270	2025 - 04 - 18 2025 - 05 - 05	
	C) CILI			

- union ALL combines every single row from both tables into one list

7. Add Sales Source Label Stiect customer name, amount, sale date, 'online' As source online_sdles FROM UNION ALL customer name, amount, sale date, store SEICCT As scurce store sales, FROM customer name sale_dute Source omount Blice 150 2025-01-12 Online Bran 250 2025 - 02 - 05 Online Carol 300 2025-03-10 Unline Doniel 220 2025 -04-15 Unline Emma 180 2025 - 05 - 07 Unline Flond 200 2025 -01 - 20 Store Brian 250 2053 -05-08 Store George 310 2023 - 03 - 25 Store Alice 150 2025 - 04-18 Store Henry 210 2025-05-05 Store

The source column exploins where each sale come from.

GIGGT CUSTOR	mer name, count(x)
	CCUT P nges
est'	
	Aler name, unline sales
Man All	
SEIECT custo	omey home trains slave
SEIECT cus	domer name, count (*)
AS	I tel that customer
ROM (merging one big pile before analyzing
5616CT cu	ustomer name FROM online sales - The 1st hour
INION ALL	
SEIECT	customer name from store sales - The 2nd half
) [As combined sales - wistomer names from both sources!
2 22.12 PM	
GROUP BT	customer name
	count (*) >1, only keeping customers that oppeared in both tables
HAVING	only keeping customers that
Output column	count (*) >1; - oppeared in both tables
Output column	count (*) >1) - oppeared in both tables
Output column	count (*) >1, - oppeared in both tables Occurences
Alice	count (*) > 1, - oppeared in both tables Occurences
Alice	Occurences Occurences
Output column customer name Alice Brian	count (*) > 1; - oppeared in both tables Occurrences 2 2
Output column customer name Alice Brian	count (*) > 1; - appeared in both tables Occurrences 2 2
Output column customer name Alice Brian	count (*) > 1, - oppeared in both tables S
Output column customer name Alice Brian	count (*) > 1; - appeared in both tables Occurrences 2 2

```
9 Total combined sales
                                                                                                                                           SUN (amount)
                 SELECT
                                                                                                                                                As total amount
               FROMC
                                                                                                                                                           amount fram online sales
                 SEIECT
                 UNION ALL
                                                                                                                                                                amount From store sales
                 SEIECT
                                                                                                                                                                ) As combined amounts;
                                                                                                                                                                                                                                                                                                                          The state of the s
                  Output Column
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WENTER STATE OF
                    total amount
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HA ANDE
                 2280
                                                                                                                                         The state of the s
                                                     Series All Control of the State of the State
         Bonus Challenge
                                                                                                                                                                                                                                                                                                                                                                                                                   一种的"拉克",一种"对自己"。
                  Appear to the second se
           SEIECT customer name,
                                                                                                                                                                                                                                                                                                                                                     adds all customer amounts together.
                                                                                                                  SUM (amound) As total spent
                                                                                                                                                                                                                                                                                                                                                      Everything inside the brackets becomes one combined list.
       FROMC
                                                                                                                     customer name, amount 7 Takes the name 3 amount from the
      SELECT
                                                                                                                                                                                                                                                                                                                                                                               colline sales list
                                                                                                                      From unline sales
                                                                                                                                                                                                                                                                                                                                                                              If a customer bought in both places
    Union ALL
                                                                                                                                                                                                                                                                                                                                                                                we want both rows counted.
       SEIECT
                                                                                                                               customer_ name, amount
                                                                                                                                    FROM store sales
                                                                                                                                                                                                                                                                                                                                                                         names the combined list, so we
                                                                                                                                ) As combined
                                                                                                                                                                                                                                                                                                                                     can use it like a table
GROUP BY
                                                                                                                       customer name
                                                                                                                                 total spent DESC; - ensures the biggest spenders appear first
 ORDER BY
                                                                                                                                                                                                                                                                                                                                                                        - highest totals on top.
```

output	column
output	Co

customer name	total_spent
CHEORGE	310
carol	300
Henry	270
Brian	500
Daniel	220
Flong	200
ALice	300
Emm 9	180