9. SELECT Sum (amount) AS total_amount
   FROM   online_store
   UNION ALL
   SELECT  Sum (amount) AS total_amount
   FROM  store_sales;

| total_amount |
|--------------|
| 2280 |

10. SELECT   customer_name,
          Sum (amount) AS total_spent
    FROM   online_store
         UNION ALL
    SELECT   customer_name,
          Sum (amount) AS total_spent
    FROM  store_sales
     GROUP BY   customer_name;

'Store' AS source

FROM store-sales;

| customer-name | amount | sale-date | source |
|---|---|---|---|
| Alice | 150 | 2025-01-12 | Online |
| Brian | 250 | 2025-02-05 | Online |
| Carol | 300 | 2025-03-10 | Online |
| Daniel | 220 | 2025-04-15 | Online |
| Emma | 180 | 2025-05-02 | Online |
| Fiona | 200 | 2025-01-20 | Store |
| Brian | 250 | 2025-02-05 | Store |
| George | 310 | 2025-03-25 | Store |
| Alice | 150 | 2025-4-18 | Store |
| Henry | 270 | 2025-05-05 | Store |

8. SELECT customer-name,
            COUNT(*) AS occurrences
    FROM online-store
    UNION ALL
    SELECT customer-name,
            COUNT(*) AS occurences
    FROM store-sales
    GROUP BY customer-name
    HAVING COUNT(*) > 1;

| customer-name | occurrences |
|---|---|
| Alice | 2 |
| Brian | 2 |

| Sale_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.
```sql
SELECT customer_name,
       amount
FROM online_sales
UNION
SELECT customer_name,
       amount
FROM 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 |

7. SELECT customer_name,
          amount,
          sale_date,
          'Online' AS source,
   FROM online_sales
   UNION ALL
   SELECT customer_name,
          amount,
          sales_date,

```
George
Alice
Henry
```

3. SELECT sat sale_date
   FROM online_sars
   UNION
   SELECT sale_date
   FROM store_sales
   ORDER BY sale_date ASC;

| Sale_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 |

4. SELECT sale_date
   FROM online_sales
   UNION ALL
   SELECT sale_date
   FROM store_sales;
   ~~ORDER BY~~

# Exercise 7 - UNION and UNION ALL

1. 
```sql
SELECT customer_name
FROM online_sales
UNION
SELECT store_sales
FROM store_sales;
```

| customer_name |
|---|
| Alice |
| Brian |
| Carol |
| Daniel |
| Emma |
| Fiona |
| George |
| Henry |

2. 
```sql
SELECT customer_name
FROM online_sales
UNION ALL
SELECT customer_name
FROM store_sales
```

| customer_name |
|---|
| Alice |
| Brian |
| Carol |
| Daniel |
| Emma |
| Fiona |
| Brian |