

Question 1

```
SELECT customer_name
FROM online_sales
UNION
SELECT customer_name
FROM store_sales_j
```

Customer-name
Alice
Brian
Carol
Daniel
Emma
Fiona
George
Henry

Question 2

```
SELECT customer_name
FROM online_sales
UNION
SELECT customer_name
FROM store_sales_j
```

Customer-name
Alice
Brian
Carol
Daniel
Emma
Fiona
Brian
George
Alice
Henry

Question 3

```
SELECT Sales_date
FROM Online_Sales
UNION
SELECT Sales_date
FROM Store-Sales
ORDER BY Sales_date ASC;
```

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

Question 4

```

SELECT Sales_date
FROM Online_Sales
UNION ALL
SELECT Sales_date
FROM Store_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

Questions

```

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

Question 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	260	2025-02-08
George	310	2025-03-25
Alice	150	2025-04-18
Henry	270	2025-05-05

Question 7

```

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
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	2025-02-08	Store
George	310	2025-03-25	Store
Alice	150	2025-04-18	Store
Henry	210	2025-05-05	Store

Question 8

```

SELECT customer_name
      COUNT(*) AS occurrence
  FROM Online_sales

```

```

UNION ALL

```

```

SELECT Customer_name
      COUNT(*) AS occurrence
  FROM Store_sales

```

```

GROUP BY customer_name
HAVING COUNT(*) > 1;

```

Customer_name	Occurrences
Alice	2
Brian	2

Question 9

```

SELECT SUM(amount) AS total_amount
  FROM Online_sales

```

```

UNION ALL

```

```

SELECT Sum(amount) AS total_amount
  FROM Store_sales;

```

total_amount
2280

Bonus Challenge

```
SELECT customer_name,  
       sum(amount) AS total_spent  
  FROM Online_Sales
```

UNION ALL

```
SELECT customer_name,  
       sum(amount) AS total_spent  
  FROM Store_Sales  
 GROUP BY customer_name;
```

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