

### Question 1

```
DELECT 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

```
DELECT 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
2025-03-10
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

### Question 5

```
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	250	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