SQL Exercise : UNION and UNION ALL

(1)
```
SELECT  customer_name
FROM    online_sales
UNION
SELECT  customer_name
FROM    store_sales
```

Customer_name
Alice
Brian
Carol
Daniel
Emma
Fiona
George
Henry

(2)
```
SELECT  customer_name
FROM    online_sales
  UNION ALL
SELECT  customer_name
FROM    store_sales
```

Custome_name
Alice
Brian
Carol
Daniel
Emma
Fiona
Brian
George
Alice
Henry

(3)
```
SELECT  sale_date
FROM    online_sales
UNION
SELECT  sale_date
FROM    store_sales
```

(3)

Sale-date
2026-01-12
2025-01-20
2025-02-05
2025-02-08
2026-03-10
2025-03-25
2025-04-15
2025-04-18
2025-05-02
2026-05-06

(4)
```
SELECT  sale-date
FROM    online-sales
UNION ALL
SELECT  sale-date
FROM    store-sales
```
→

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)
```
SELECT  customer-name,
        amount
from    online-sale
UNION
SELECT  customer-name,
        amount
FROM    store-sales
```
→

customer-name	amount
Alice	300
Brian	500
Carol	300
George	310
Henry	270

(6)
```
SELECT  customer-name, amount,
        sales-date
FROM    online-sales
UNION ALL
SELECT  customer-name, amount,
        sales-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,
        Source
FROM    online-sales  →
UNION ALL
SELECT  customer-name,
        amount,
        sale-date,
        Source
FROM    store-sales
```

Customer-name	amount	sale-date	Source
Alice	150	2025-01-12	online
Brian	260	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	270	2026-06-05	store