

P1

```
USE mydb;

SELECT *, (SELECT customer_id FROM orders WHERE id = od.order_id) AS customer_id
FROM order_details od;
```

P2

```
USE mydb;

SELECT *
FROM order_details od
WHERE order_id IN (SELECT order_id FROM orders WHERE shipper_id=3);
```

P3

```
SELECT order_id, AVG(quantity) AS avg_quantity
FROM (SELECT * FROM order_details WHERE quantity > 10)
AS temp_table
GROUP BY order_id;
```

P4

```
⊖ WITH TemporalType AS (SELECT order_id, quantity
  FROM order_details
 WHERE quantity > 10
 )

  SELECT order_id, AVG(quantity) AS avg_quantity
  FROM TemporalType
  GROUP BY order_id;
```

P5

```
USE mydb;

DROP FUNCTION IF EXISTS Devision;

DELIMITER //
CREATE FUNCTION Devision(first_num FLOAT, second_num FLOAT)
RETURNS FLOAT
DETERMINISTIC
NO SQL
BEGIN
    DECLARE result FLOAT;
    IF second_num = 0 THEN
        RETURN NULL;
    ELSE
        SET result = first_num / second_num;
    END IF;
    RETURN result;
END //
DELIMITER ;

SELECT Devision(quantity, 10) AS result FROM order_details;
```