

```
create database pizzahut ;
```

```
-- 1. retrieve total num of orders place (used select ,aggregate functions ,join)
```

```
select count(order_id) as total_orders from orders;
```

```
-- 2. calculate total revenue generated from pizza sales used join
```

```
SELECT  
    ROUND(SUM(orders_details.quantity * pizzas.price),  
          2) AS total_sales  
FROM  
    orders_details  
    JOIN  
    pizzas ON pizzas.pizza_id = orders_details.pizza_id
```

```
-- 3. identify the highest priced pizza using order by clause
```

```
SELECT  
    pizza_types.name, pizzas.price  
FROM  
    pizza_types  
    JOIN  
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
ORDER BY pizzas.price DESC  
Limit 1;
```

```
-- calculate total revenue generated from pizza sales used join
```

```
SELECT  
    ROUND(SUM(orders_details.quantity * pizzas.price),  
          2) AS total_sales  
FROM  
    orders_details  
    JOIN  
    pizzas ON pizzas.pizza_id = orders_details.pizza_id
```

```
-- 4. identify most common pizza size ordered used group by
```

```
SELECT  
    quantity, COUNT(order_details_id)  
FROM  
    orders_details  
GROUP BY quantity;
```

```
-- 5.view
```

```
CREATE VIEW pizzas_infor AS
SELECT
    pizza_type_id, pizza_id
FROM
    pizzahut.pizzas
WHERE
    price < 20;
SELECT
    *
FROM
    pizzas_infor;
```

-- 6.SUB-QUERY

```
SELECT
    order_id, order_date
FROM
    orders
WHERE
    order_id IN (SELECT
        order_id
        FROM
            pizza_types
        WHERE
            category = 'chicken')
ORDER BY order_id DESC;
```