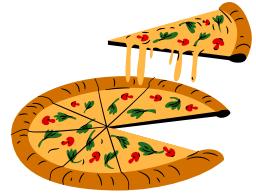


Basic Problem Queries



Question 1: Retrieve the total number of orders placed.

```
-- Retrieve the total number of orders placed.
```

- **SELECT**

```
COUNT(order_id) AS total_orders  
FROM  
orders;
```

Output:

Result Grid	
	total_orders
▶	21350

Question 2: Calculate the total revenue generated from pizza sales.

- **SELECT**

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

Output:

Result Grid	
	total_sales
▶	817860.05

Basic Problem Queries



Question 3: Identify the highest-priced pizza.

- `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;
```

Output:

Result Grid		
	name	price
▶	The Greek Pizza	35.95

Question 4: Identify the most common pizza size ordered.

- `SELECT quantity, count(order_details_id)`
`FROM order_details GROUP BY quantity;`
- `SELECT pizzas.size, COUNT(order_details.order_details_id) AS order_count`
`FROM pizzas JOIN order_details`
`ON pizzas.pizza_id = order_details.pizza_id`
`GROUP BY pizzas.size ORDER BY order_count desc ;`

Output:

Result Grid		
	size	order_count
▶	L	18526
	M	15385
	S	14137
	XL	544
	XXL	28

Basic Problem Queries



Question 5: List the top 5 most ordered pizza types along with their quantities.

- ```
SELECT pizza_types.name,
 SUM(order_details.quantity) AS quantity
 FROM pizza_types JOIN pizzas
 ON pizza_types.pizza_type_id = pizzas.pizza_type_id
 JOIN order_details
 ON order_details.pizza_id = pizzas.pizza_id
 GROUP BY pizza_types.name ORDER BY quantity desc limit 5;
```

**Output:**

| Result Grid |                            |          |
|-------------|----------------------------|----------|
|             | name                       | quantity |
| ▶           | The Classic Deluxe Pizza   | 2453     |
|             | The Barbecue Chicken Pizza | 2432     |
|             | The Hawaiian Pizza         | 2422     |
|             | The Pepperoni Pizza        | 2418     |
|             | The Thai Chicken Pizza     | 2371     |