MySQL Queries

1. List all order with username and total amount

SELECT o.id AS order\_id, u.name AS customer\_name, o.total\_price, o.status

FROM orders o

JOIN users u ON o.user\_id = u.id;

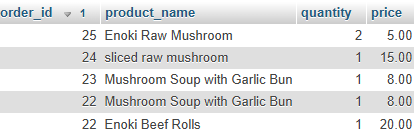


1. List order items with product name and quantity per order

SELECT o.id AS order\_id, u.name AS customer\_name, o.total\_price, o.status

FROM orders o

JOIN users u ON o.user\_id = u.id;



1. Get total number of orders per user

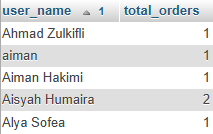
SELECT r.comment, u.name AS user\_name, p.name AS product\_name, r.created\_at

FROM reviews r

JOIN users u ON r.user\_id = u.id

JOIN products p ON r.product\_id = p.id

ORDER BY r.created\_at DESC;



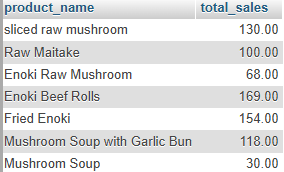
1. Get total sales amount for each product

SELECT p.name AS product\_name, SUM(oi.quantity \* oi.price) AS total\_sales

FROM order\_items oi

JOIN products p ON oi.product\_id = p.id

GROUP BY p.id;



1. Get review comments with product and user

SELECT r.comment, u.name AS user\_name, p.name AS product\_name, r.created\_at

FROM reviews r

JOIN users u ON r.user\_id = u.id

JOIN products p ON r.product\_id = p.id

ORDER BY r.created\_at DESC;



1. List all paid orders with payment amount and method

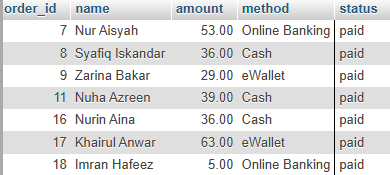
SELECT o.id AS order\_id, u.name, p.amount, p.method, p.status

FROM payments p

JOIN orders o ON p.order\_id = o.id

JOIN users u ON o.user\_id = u.id

WHERE p.status = 'paid';



1. Find top 3 products with highest number of reviews

SELECT p.name AS product\_name, COUNT(r.id) AS total\_reviews

FROM reviews r

JOIN products p ON r.product\_id = p.id

GROUP BY p.id

ORDER BY total\_reviews DESC

LIMIT 3;

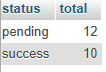


1. Count number of orders by status (e.g, pending/success)

SELECT status, COUNT(\*) AS total

FROM orders

GROUP BY status;



1. List users who have not made any orders

SELECT u.name

FROM users u

LEFT JOIN orders o ON u.id = o.user\_id

WHERE o.id IS NULL AND u.role = 'user';



1. Display order history with product names and payment status

SELECT

u.name AS customer\_name,

o.id AS order\_id,

p.name AS product\_name,

oi.quantity,

pay.status AS payment\_status,

o.created\_at AS order\_date

FROM orders o

JOIN users u ON o.user\_id = u.id

JOIN order\_items oi ON o.id = oi.order\_id

JOIN products p ON oi.product\_id = p.id

LEFT JOIN payments pay ON o.id = pay.order\_id

ORDER BY o.created\_at DESC;

