Sql task number 3rd

# Questin number 1st

SELECT customer\_id,COUNT(Order\_ID) AS totalNumberOfOrder

FROM orders

GROUP BY customer\_id;

# Question number 2end

SELECT od.product\_id,p.product\_name,p.category ,

SUM(od.quantity\*od.unit\_price)AS total\_sales\_amount

FROM orderdetails od INNER JOIN product p

ON p.product\_id = od.product\_id

GROUP BY p.product\_id,p.product\_name,p.category;

# question number 3rd

SELECT od.product\_id,p.product\_name,p.category,od.unit\_price ,p.price

FROM orderdetails od INNER JOIN product p ON p.product\_id = od.product\_id

GROUP BY p.product\_id,p.product\_name,p.category DESC LIMIT 1;

# Question number 4th

SELECT c.customer\_id,c.first\_name,c.last\_name,o.order\_date

FROM customers c INNER JOIN orders o ON c.customer\_id=o.customer\_id

WHERE o.order\_date >= CURDATE()-INTERVAL 30 DAY

GROUP BY c.customer\_id,c.first\_name,c.last\_name;

# Question number 5th

SELECT o.customer\_id, concat(c.first\_name," ",c.last\_name ),

SUM(p.payment\_amount) FROM payments p

INNER JOIN orders o ON o.Order\_ID = p.Order\_ID

INNER JOIN customers c ON o.customer\_id = c.customer\_id

GROUP BY c.customer\_id,c.first\_name,c.last\_name;

# Question number 6th

SELECT pro.category,COUNT(o.product\_id)

FROM orderdetails o INNER JOIN product pro ON pro.product\_id = o.product\_id

GROUP BY pro.category;

# Question number 7th

SELECT Order\_ID FROM `orders` WHERE order\_status = "pending";

# Question number 8th

SELECT AVG(total\_amount) Avg\_order\_value FROM orders;

# Question number 9th

SELECT c.customer\_id,c.first\_name,c.last\_name,

SUM(p.payment\_amount) total\_spent

FROM payments p

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

INNER JOIN customers c ON o.customer\_id=c.customer\_id

GROUP BY c.customer\_id,c.first\_name,c.last\_name

ORDER BY SUM(p.payment\_amount) DESC LIMIT 5;

# Question number 10th

> SELECT p.\* FROM products p

LEFT JOIN orderdetails od ON p.product\_id=od.product\_id

WHERE od.product\_id IS null