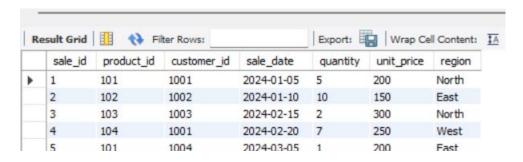
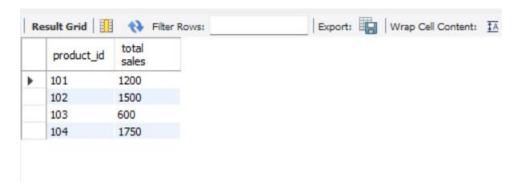
ASSIGNMENT 4 SQL





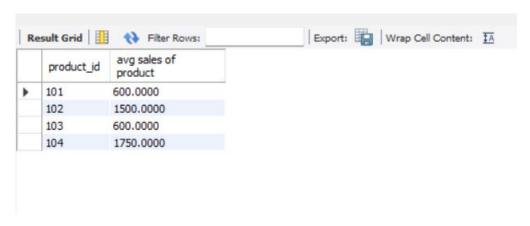
2. Write a query to find the total number of product sold in each region.

select region, sum(quantity) as "total number of product" from sales group by region;



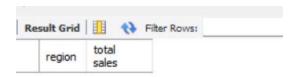
3. Write a query to get the average sales amount per product.

select product_id, avg(quantity*unit_price) as "avg sales of product" from sales group by product_id;



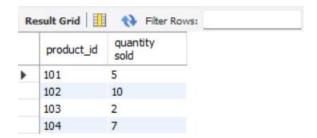
4. Find the region where total sales are more than 3000.

select region, sum(quantity*unit_price) as "total sales" from sales group by region having sum(quantity*unit_price)>3000;



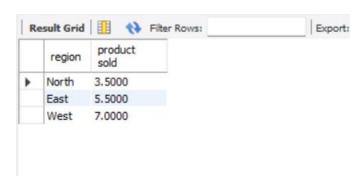
5. Write a query to get the maximum quantity sold for each product.

select product_id, max(quantity) as "quantity sold" from sales group by product_id;



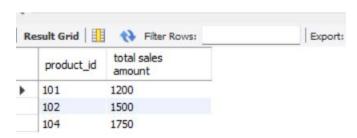
6. Write a query to calculate the average quantity of product sold per region.

select region, avg(quantity) as "product sold" from sales group by region;



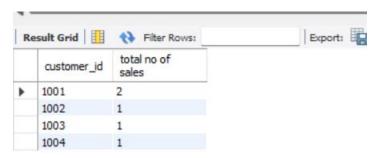
7. Find the product Ids that have generated a total sales amount of more than 1000.

select product_id, sum(quantity*unit_price) as "total sales amount" from sales group by product_id having sum(quantity*unit_price)>1000;



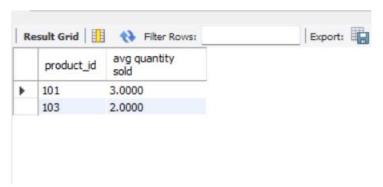
8. Write a query to get the total number of sales (rows) made for each customer.

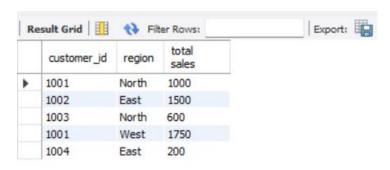
select customer_id, count(quantity*unit_price) as "total no of sales" from sales group by customer_id;

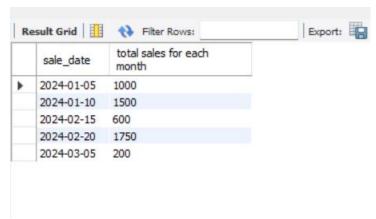


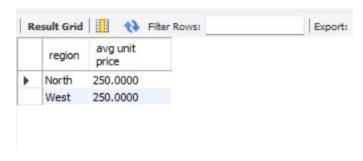
9. Find the products for which the average quantity sold is less than 5.

select product_id, avg(quantity) as "avg quantity sold" from sales group by product_id having avg(quantity)<5;

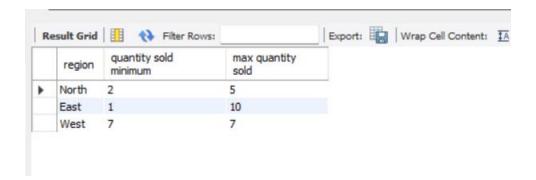








13. Write a query to get the minimum and maximum quantity sold per region. select region, min(quantity) as "quantity sold minimum", max(quantity) as "max quantity sold"from sales group by region;



15. Write a query to find the total sales for each product and filter only those products where the total sales exceed 1500.

select product_id, sum(quantity*unit_price) as "total sales of each product" from sales group by product_id having sum(quantity*unit_price)>1500;

