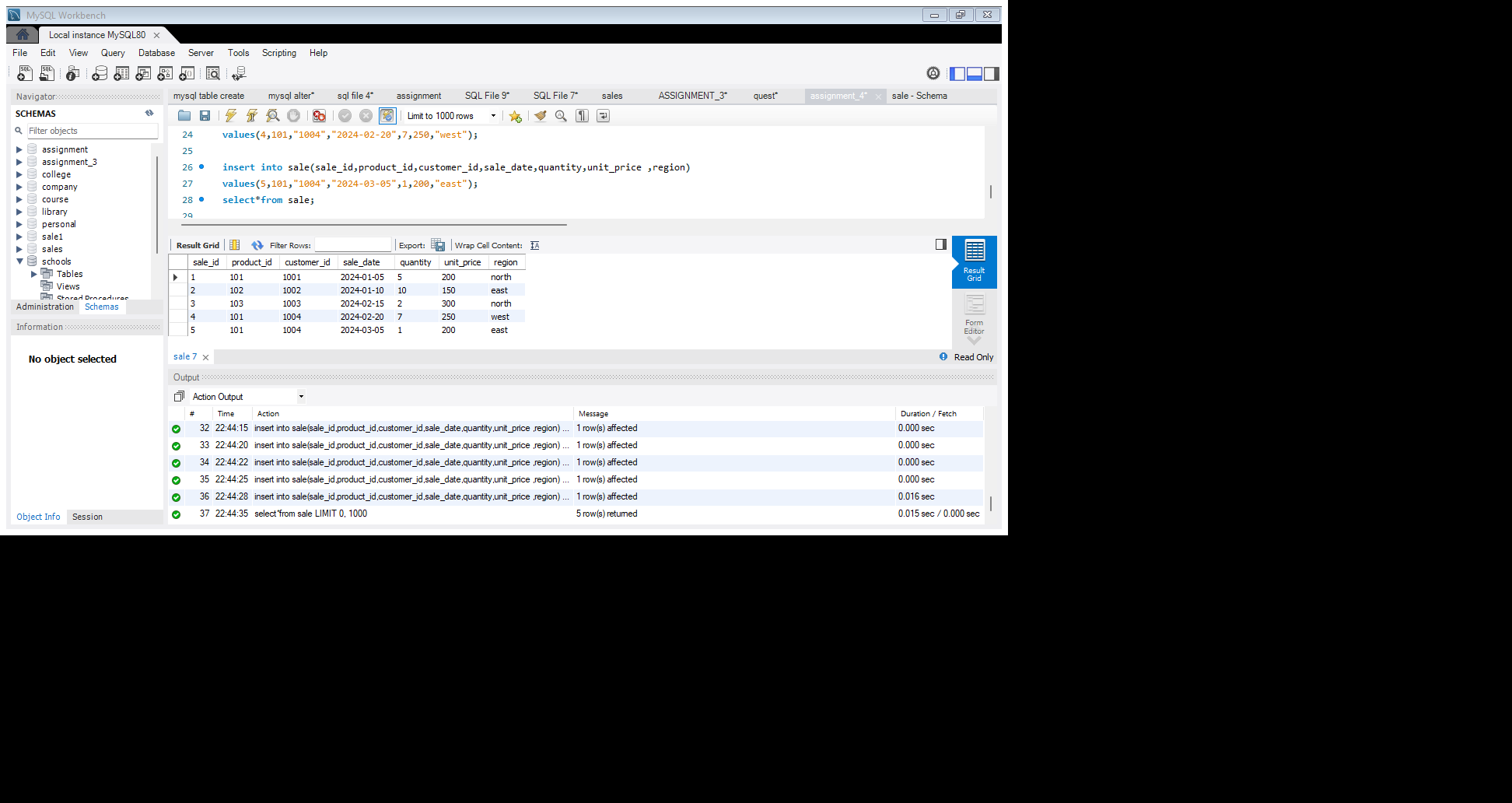
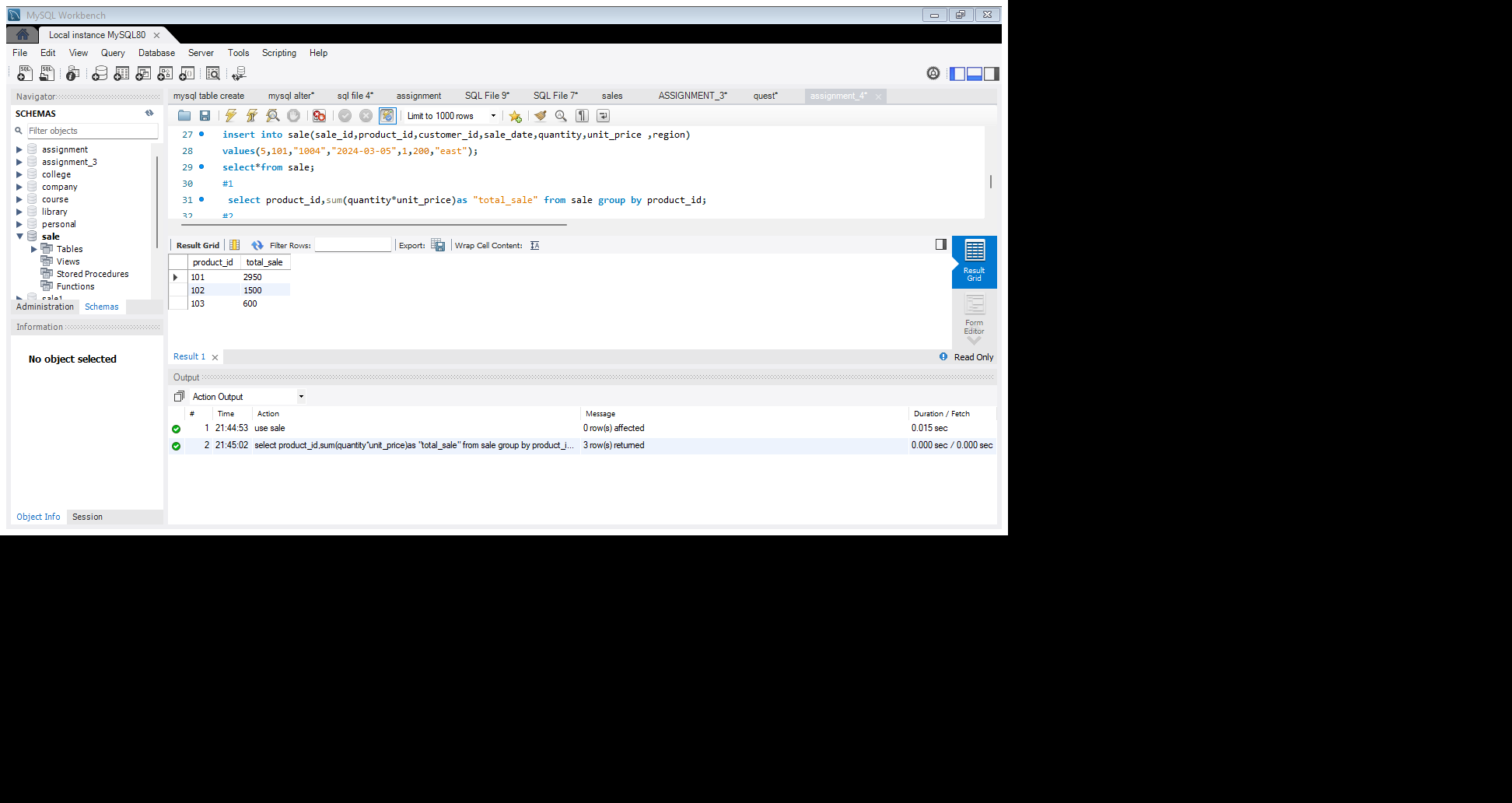
**MYSQL ASSIGNMENT\_4**

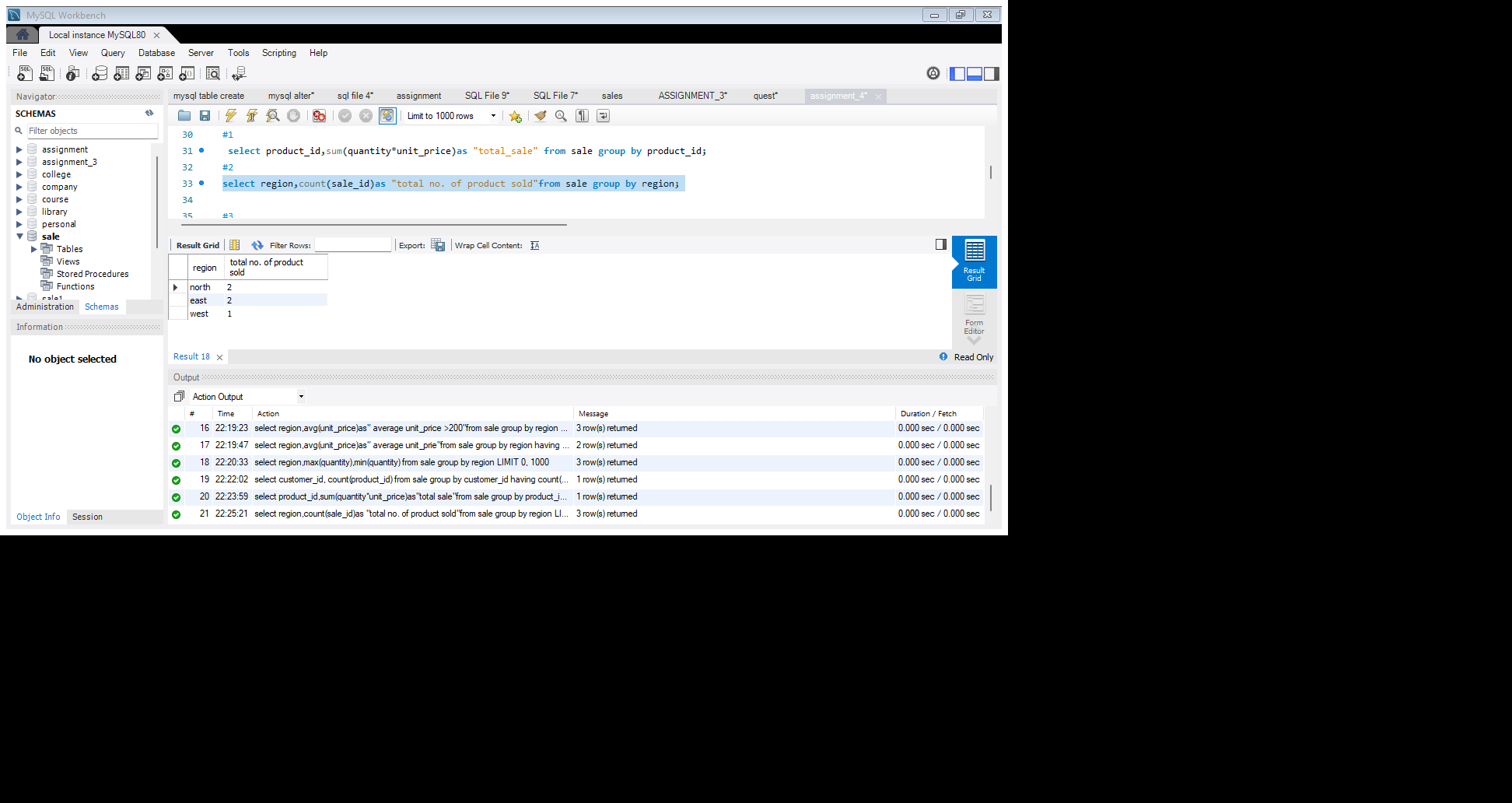
****1. Write a query to calculate the total sales(Quantity\*unitprice) for each product.

**Select product\_id,sum(quantity\*unit\_price)as "total\_sale" from sale group by product\_id;**

****

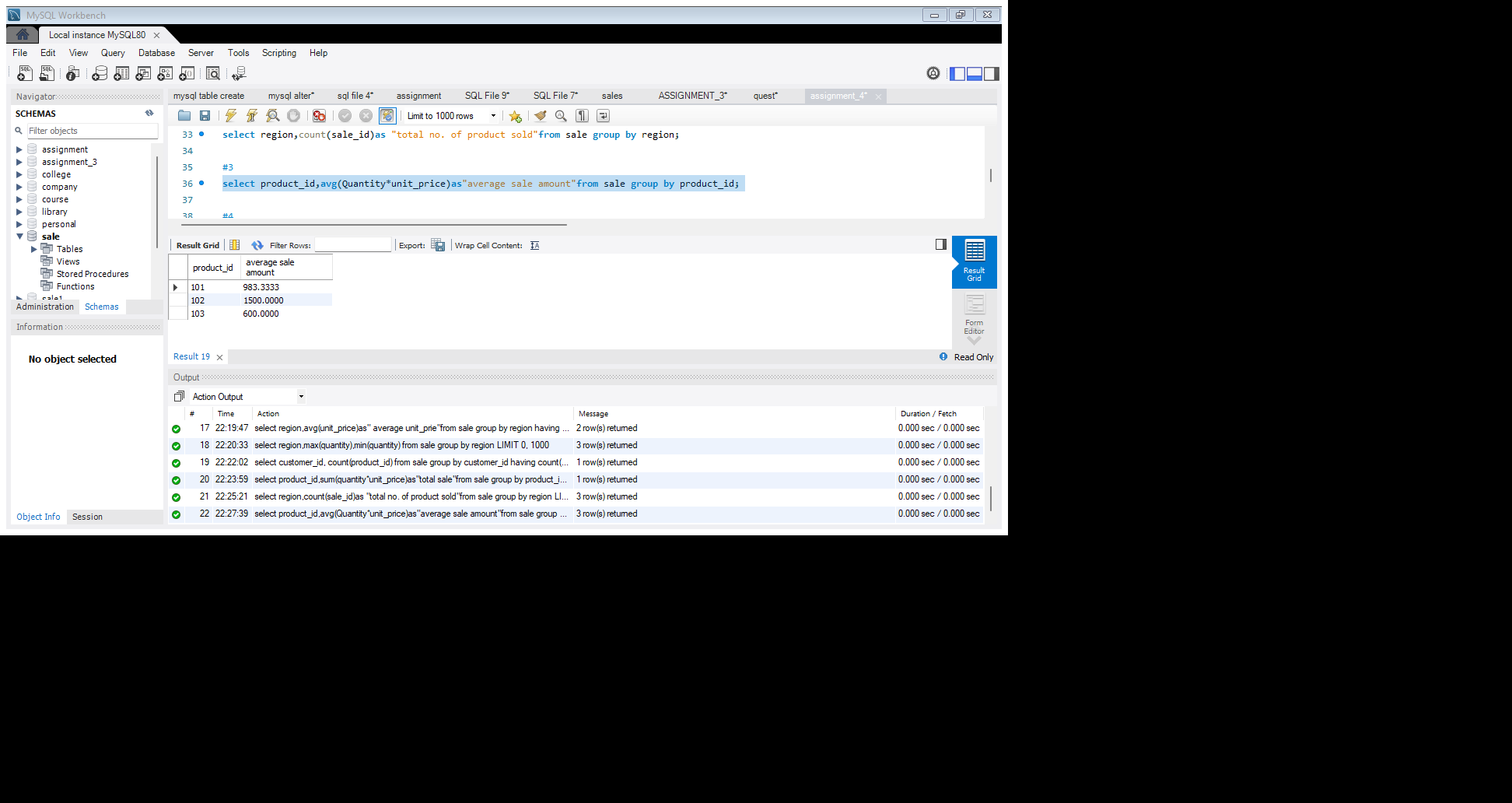
2. Write a query to find the total number of product sold in each region.

**Select region,count(sale\_id)as "total no. of product sold"from sale group by region;**

****

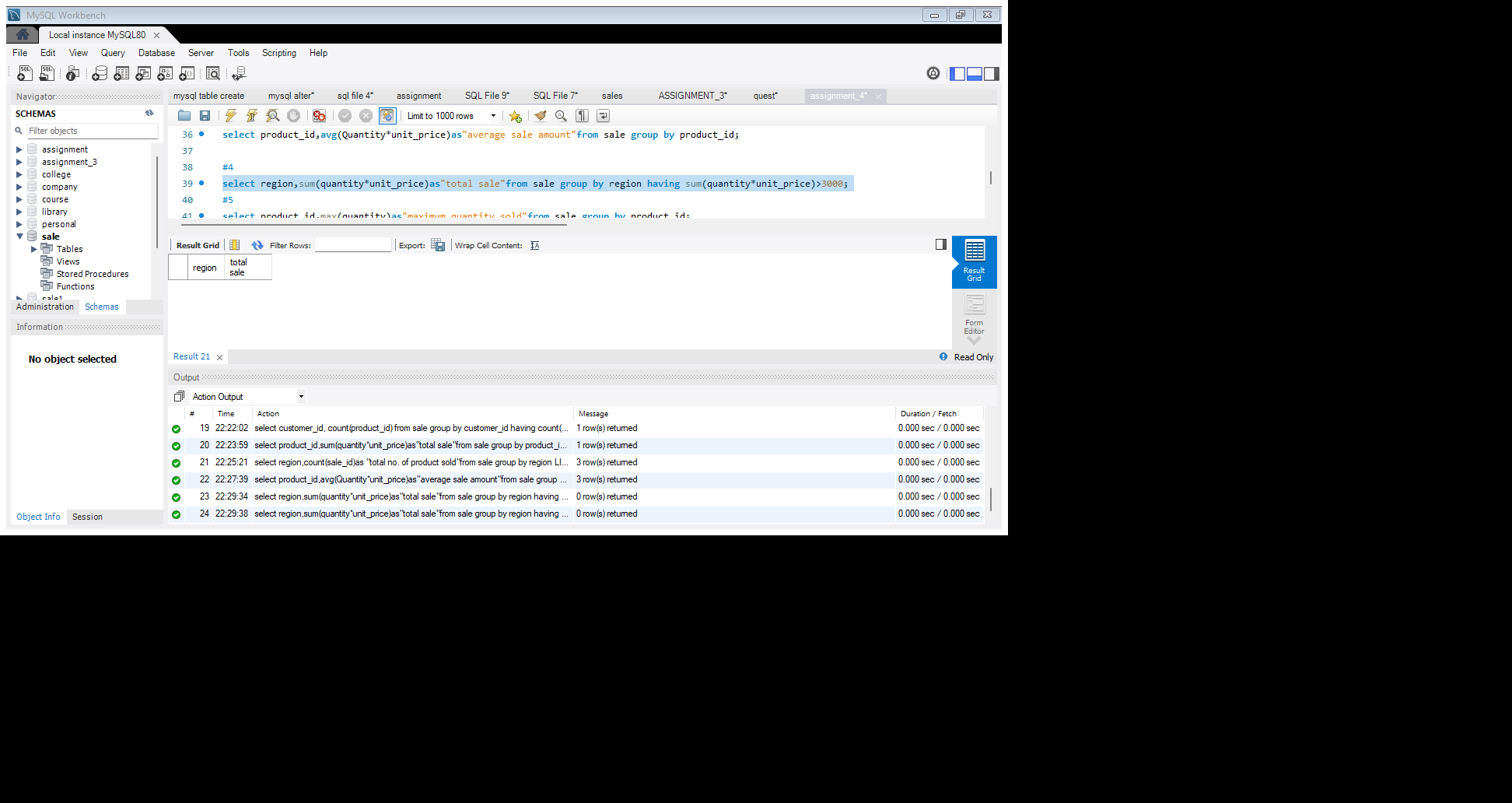
3. Write a query to get the average sales amount per product.

**Select product\_id,avg(Quantity\*unit\_price)as"average sale amount"from sale group by product\_id;**

****

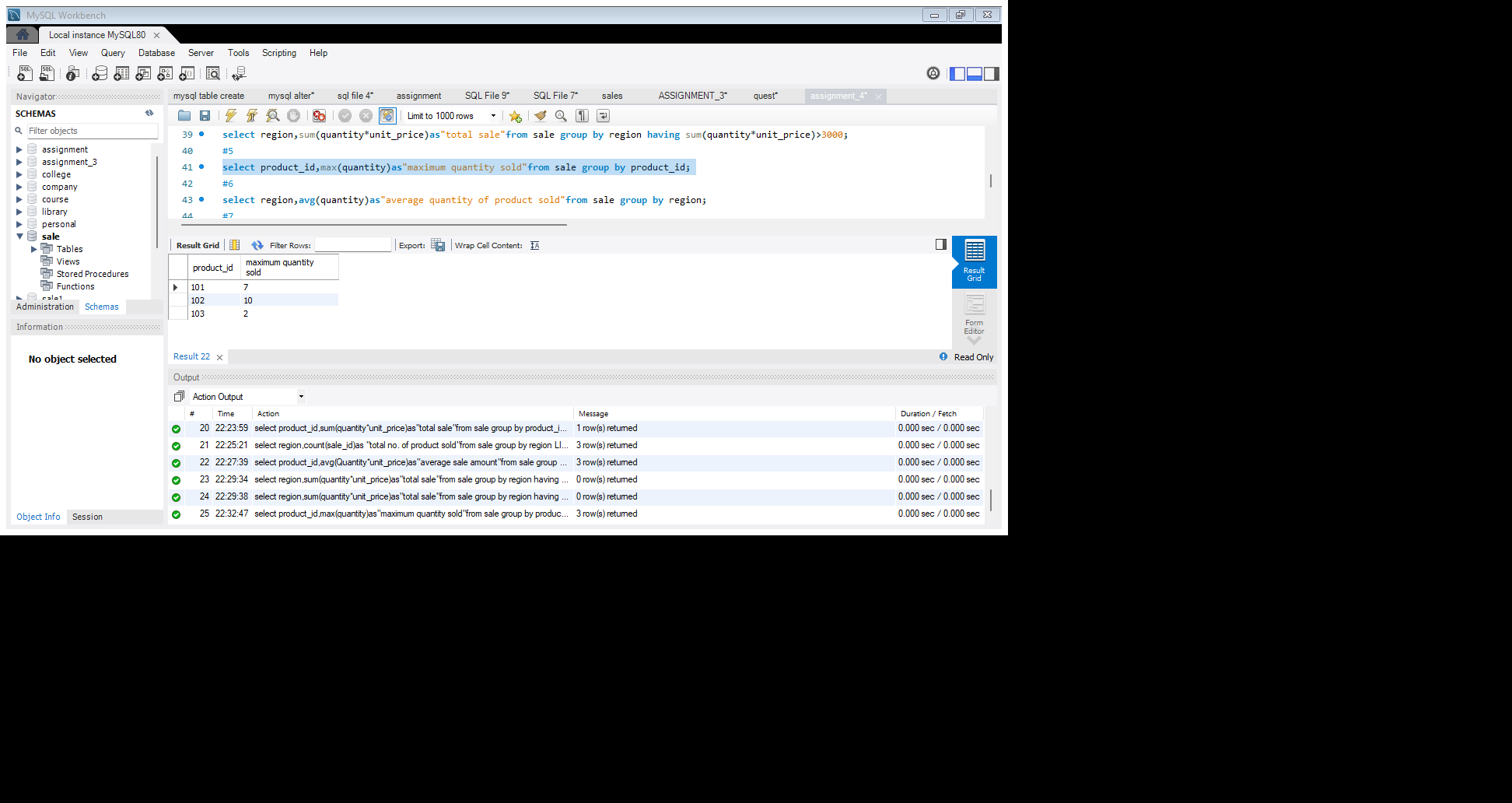
4. Find the regions where total sales are more than 3000.

**Select region,sum(quantity\*unit\_price)as"total sale"from sale group by region having sum(quantity\*unit\_price)>3000;**

****

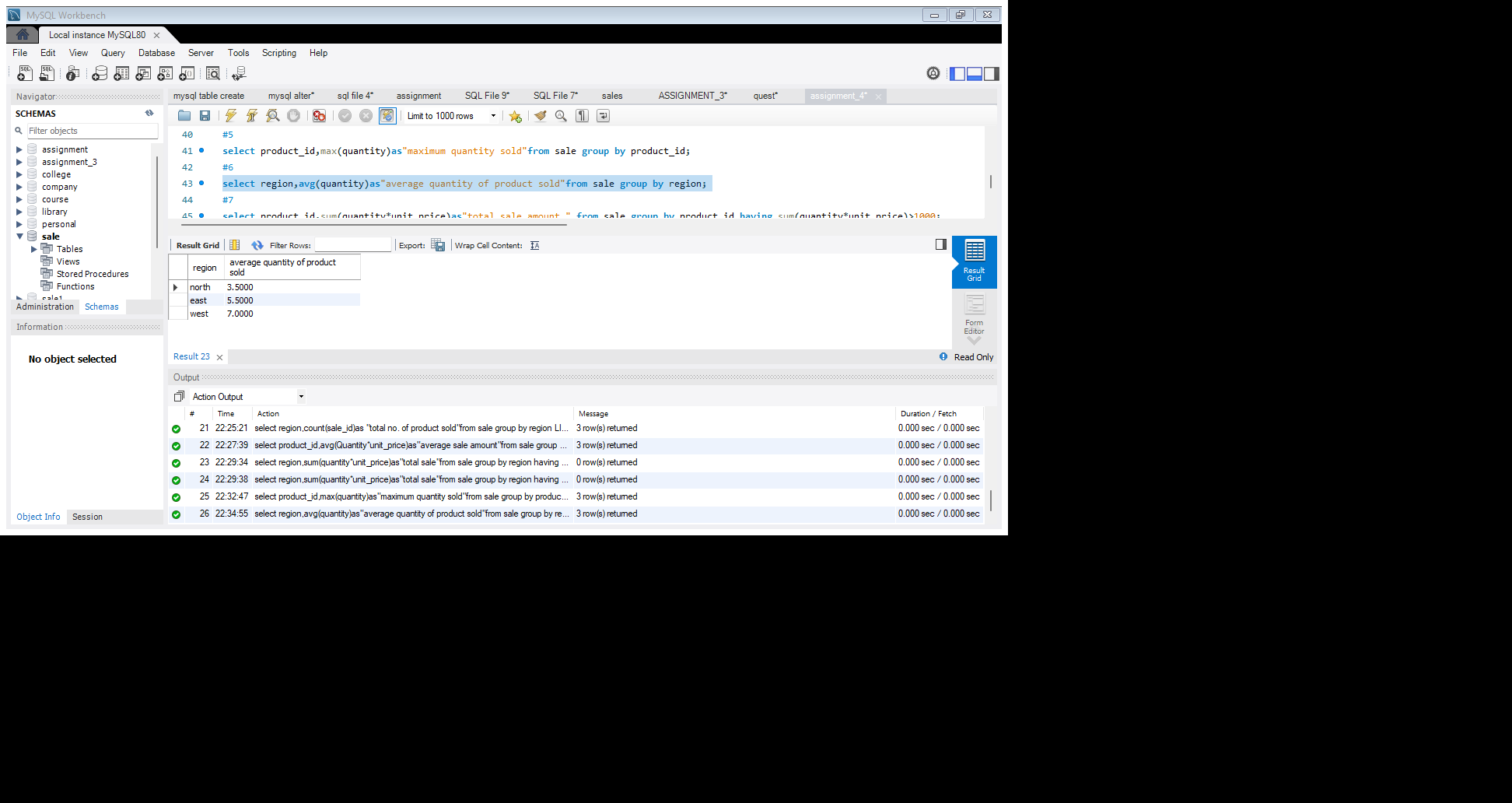
5. Write a query to get the maximum quantity sold for each product.

**Select product\_id,max(quantity)as"maximum quantity sold"from sale group by product\_id;**

****

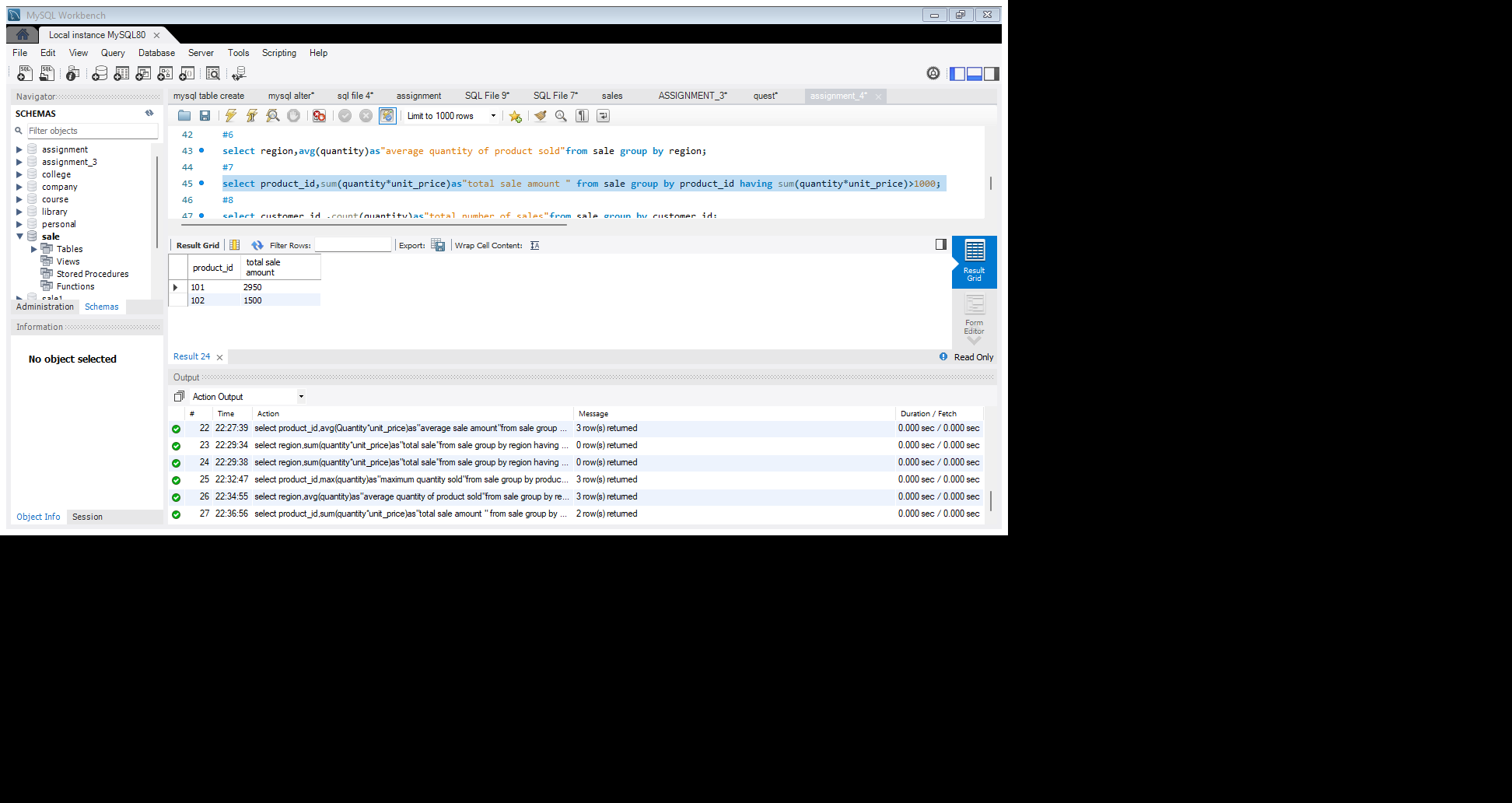
6. Write a query to calculate the average quantity of products sold per region.

**Select region,avg(quantity)as"average quantity of product sold"from sale group by region;**

****

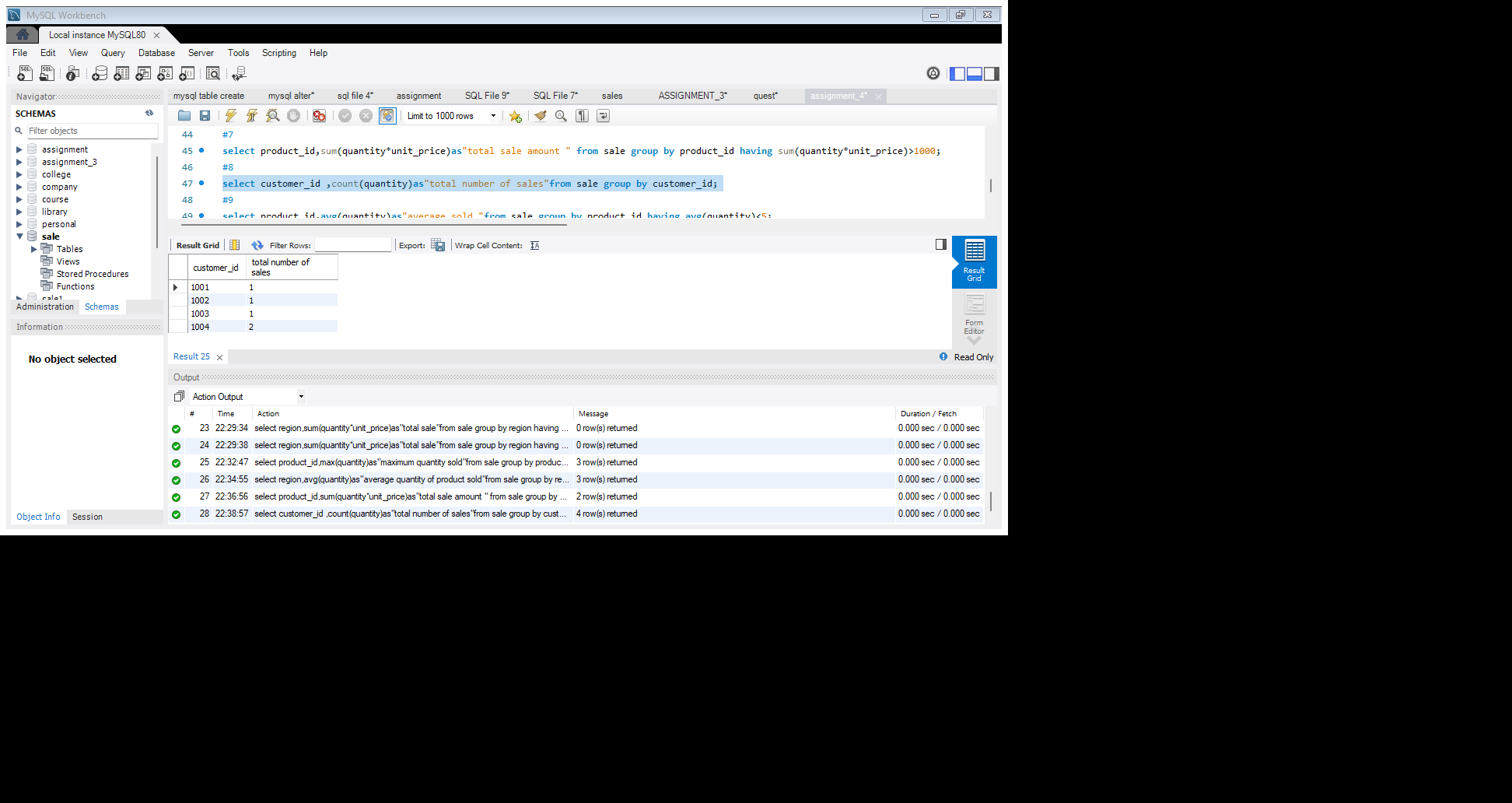
7. Find the product IDs that have generated a total sales amount of more than 1000.

**Select product\_id,sum(quantity\*unit\_price)as"total sale amount " from sale group by product\_id having sum(quantity\*unit\_price)>1000;**

****

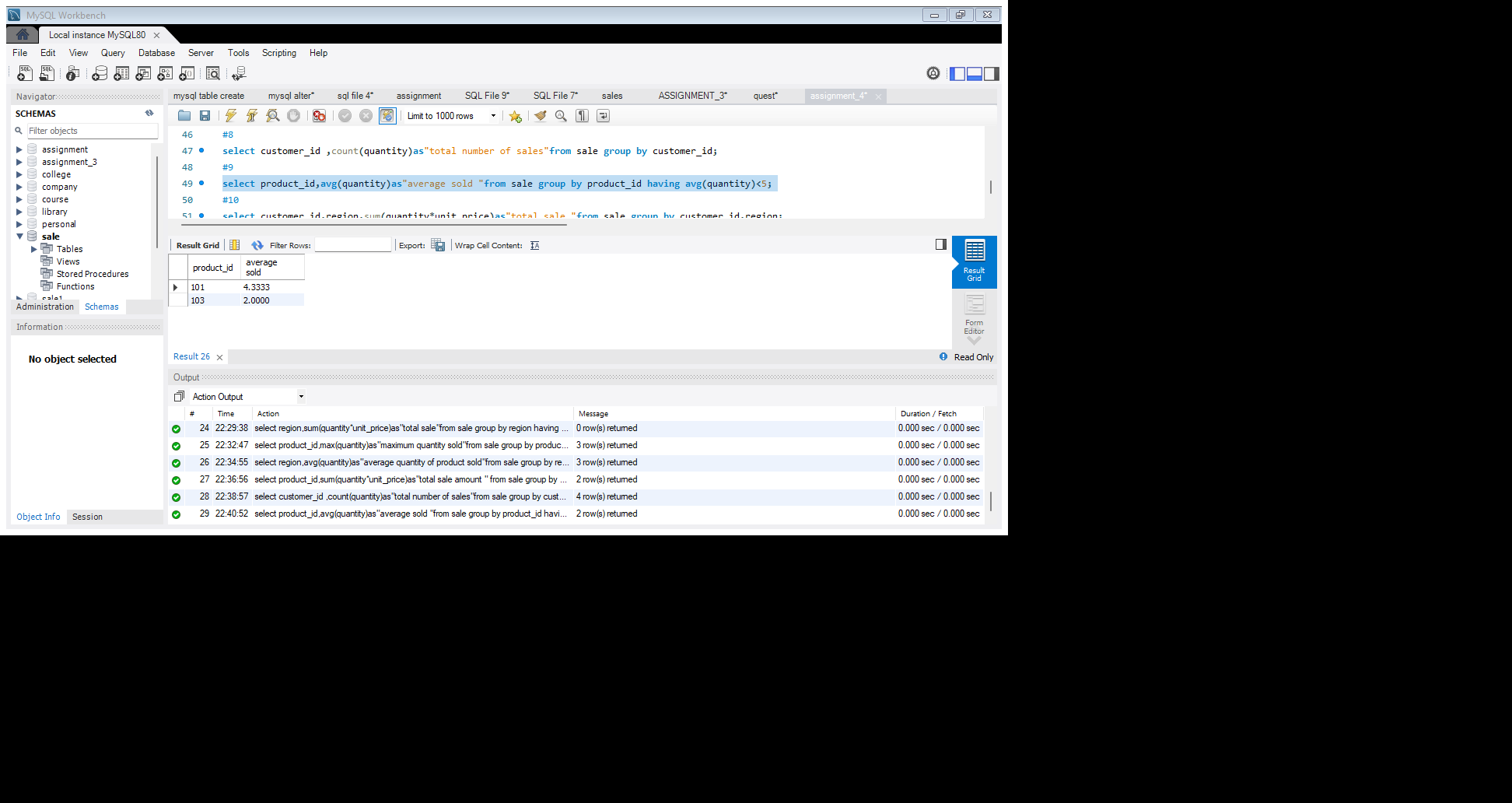
8. Write a query to get the total number of sales (rows) made for each customer.

**Select customer\_id ,count(quantity)as"total number of sales"from sale group by customer\_id;**

****

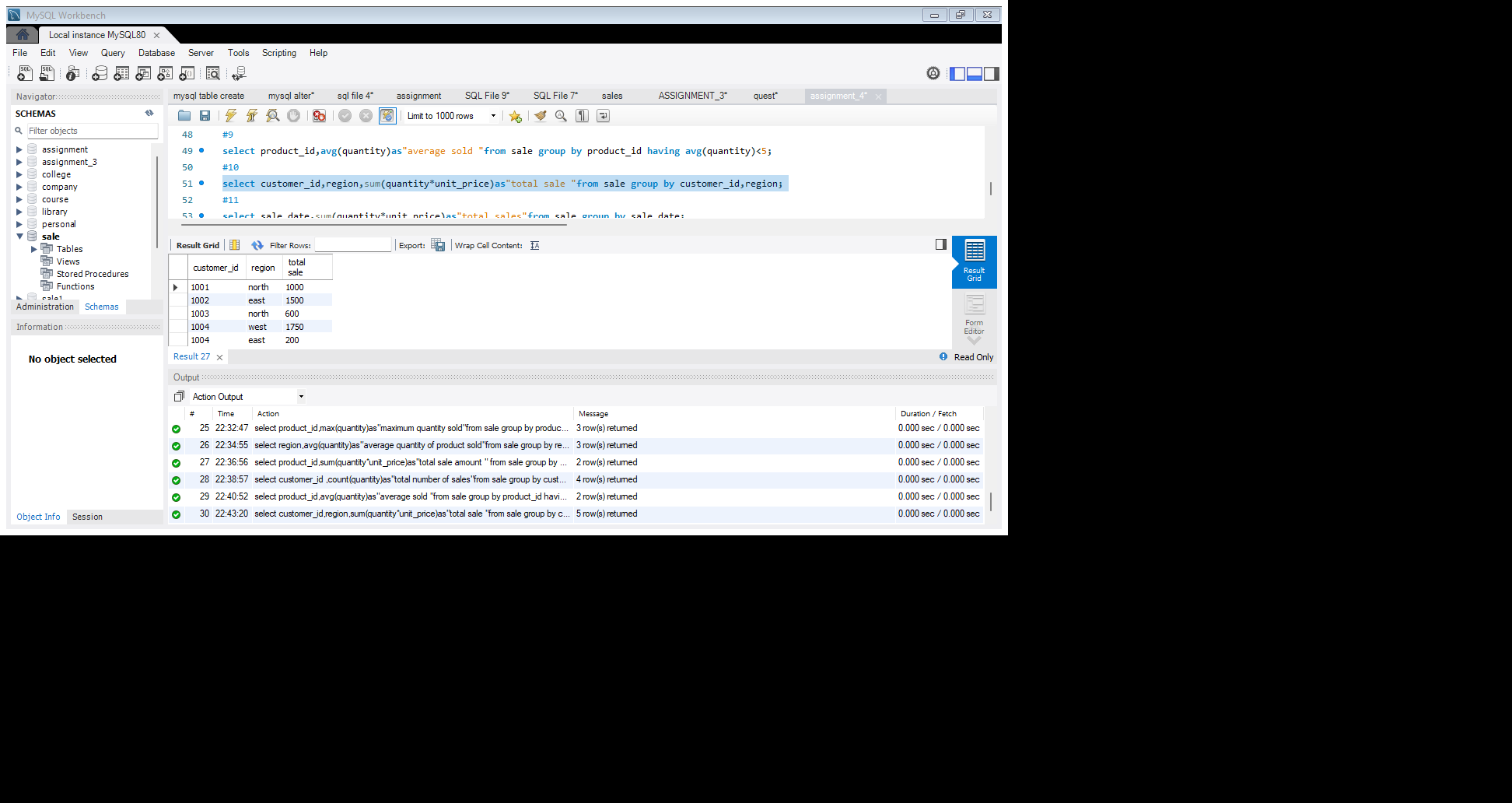
9. Find the products for which the average quantity sold is less than 5.

**Select product\_id,avg(quantity)as"average sold "from sale group by product\_id having avg(quantity)<5;**

****

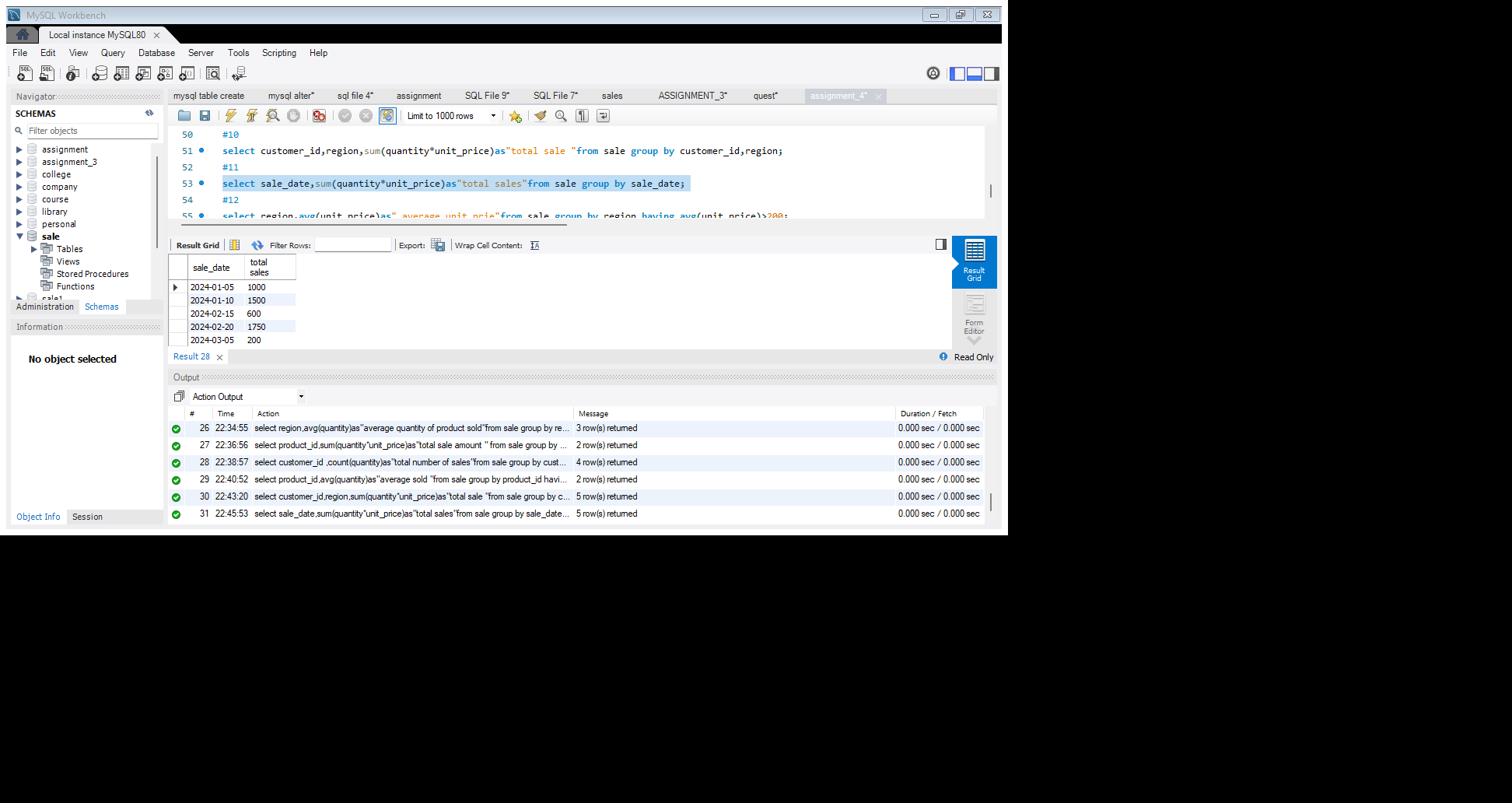
10. Write a query to find the sum of total sales for each customer in each region.

**Select customer\_id,region,sum(quantity\*unit\_price)as"total sale "from sale group by customer\_id,region;**

****

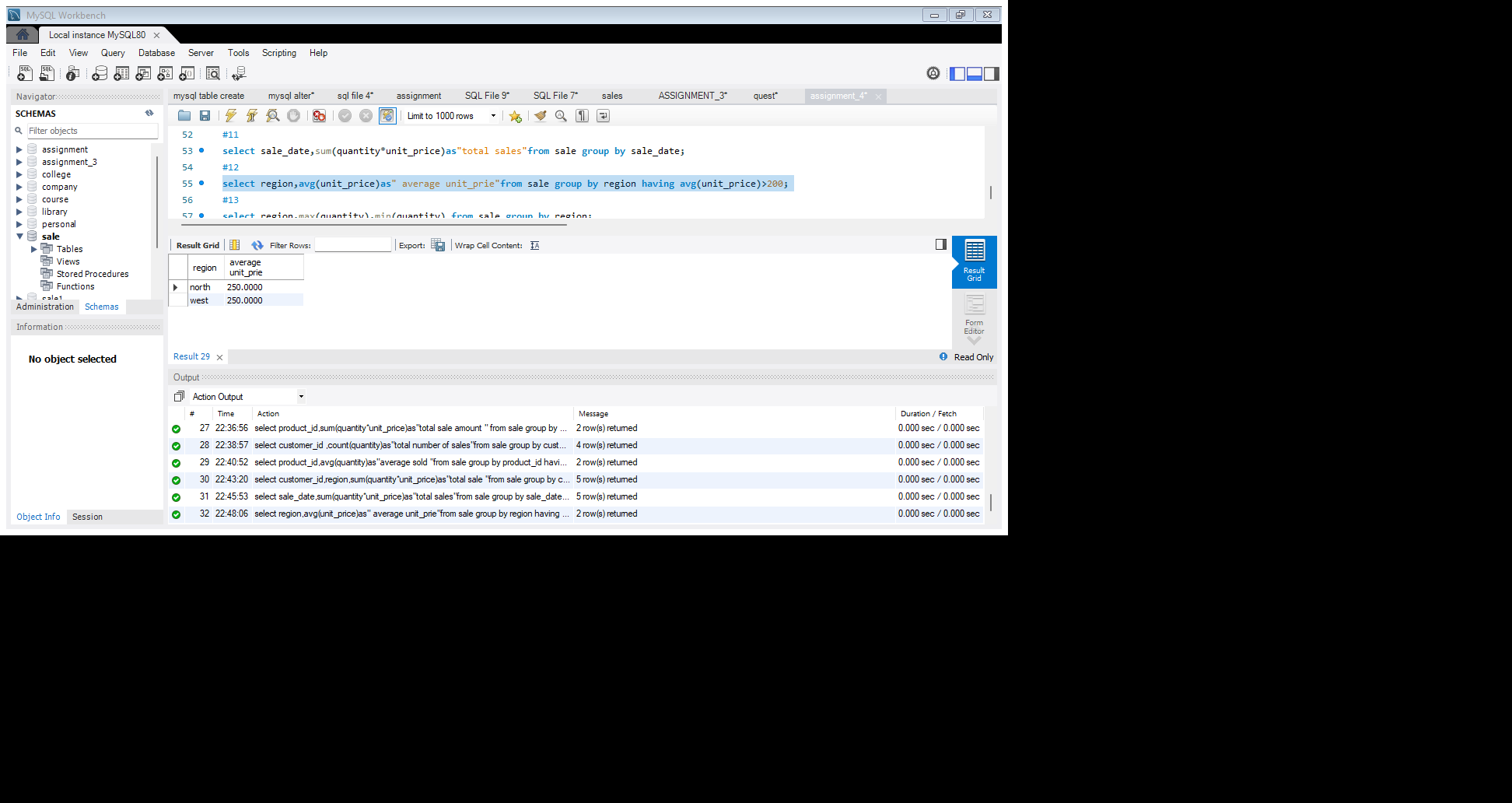
11. Write a query to calculate the total sales for each month.

**Select sale\_date,sum(quantity\*unit\_price)as"total sales" from sale group by sale\_date;**

****

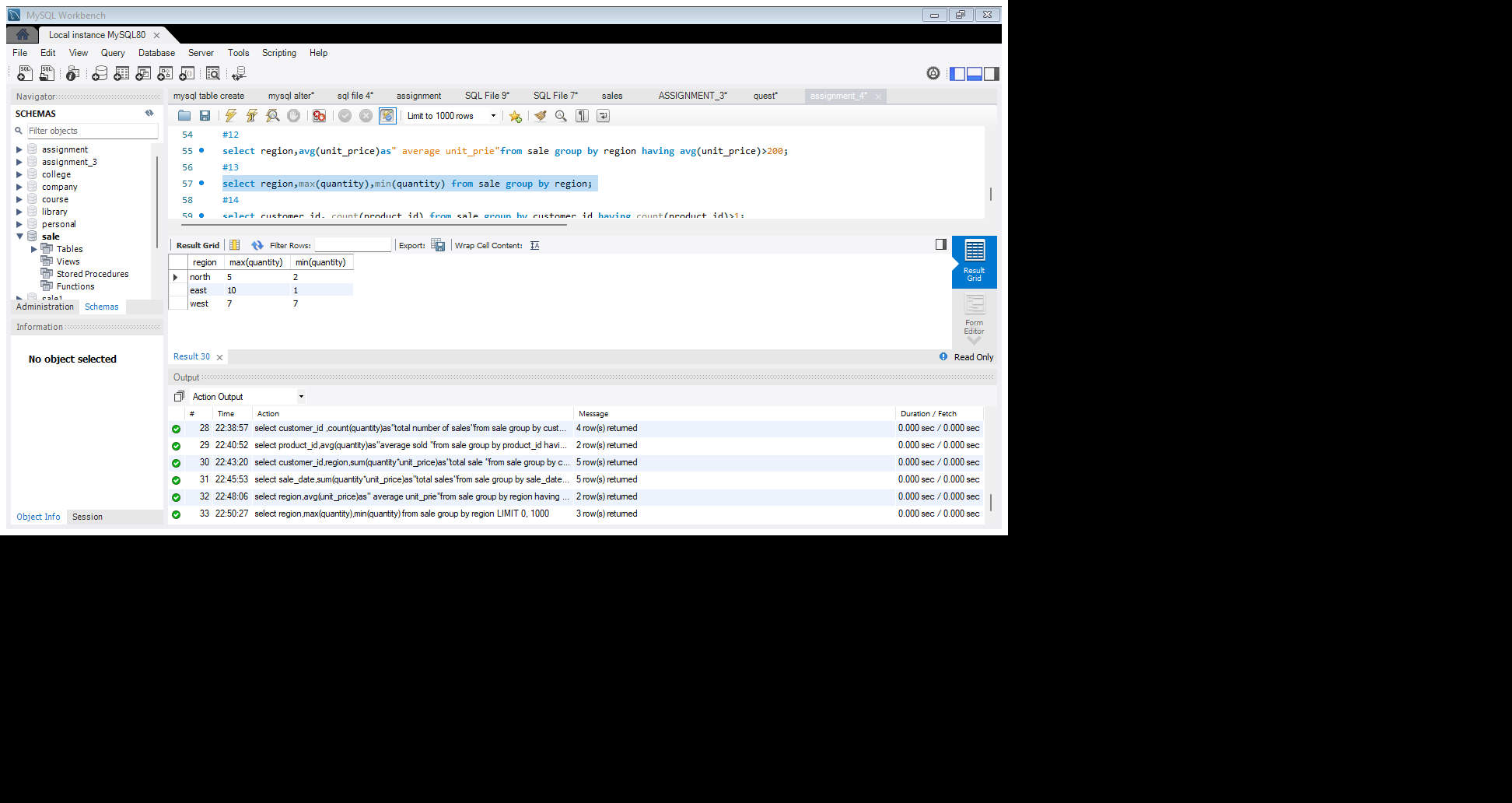
12. Find the regions where the average unit price is more than 200.

**Select region, avg(unit\_price)as" average unit\_price" from sale group by region having avg(unit\_price)>200;**

****

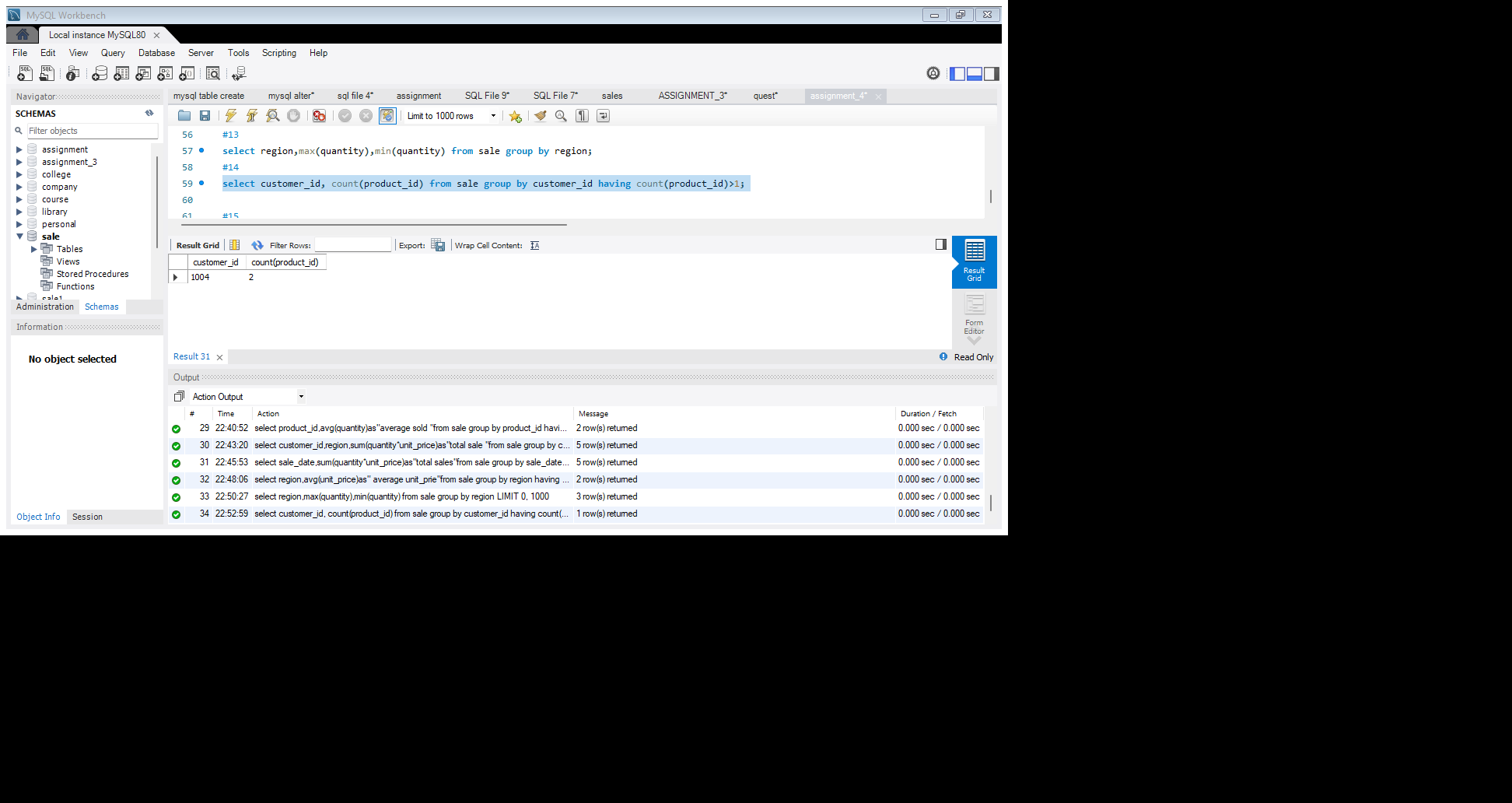
13. Write a query to get the maximum and minimum quantity sold per region.

**Select region,max(quantity),min(quantity) from sale group by region;**

****

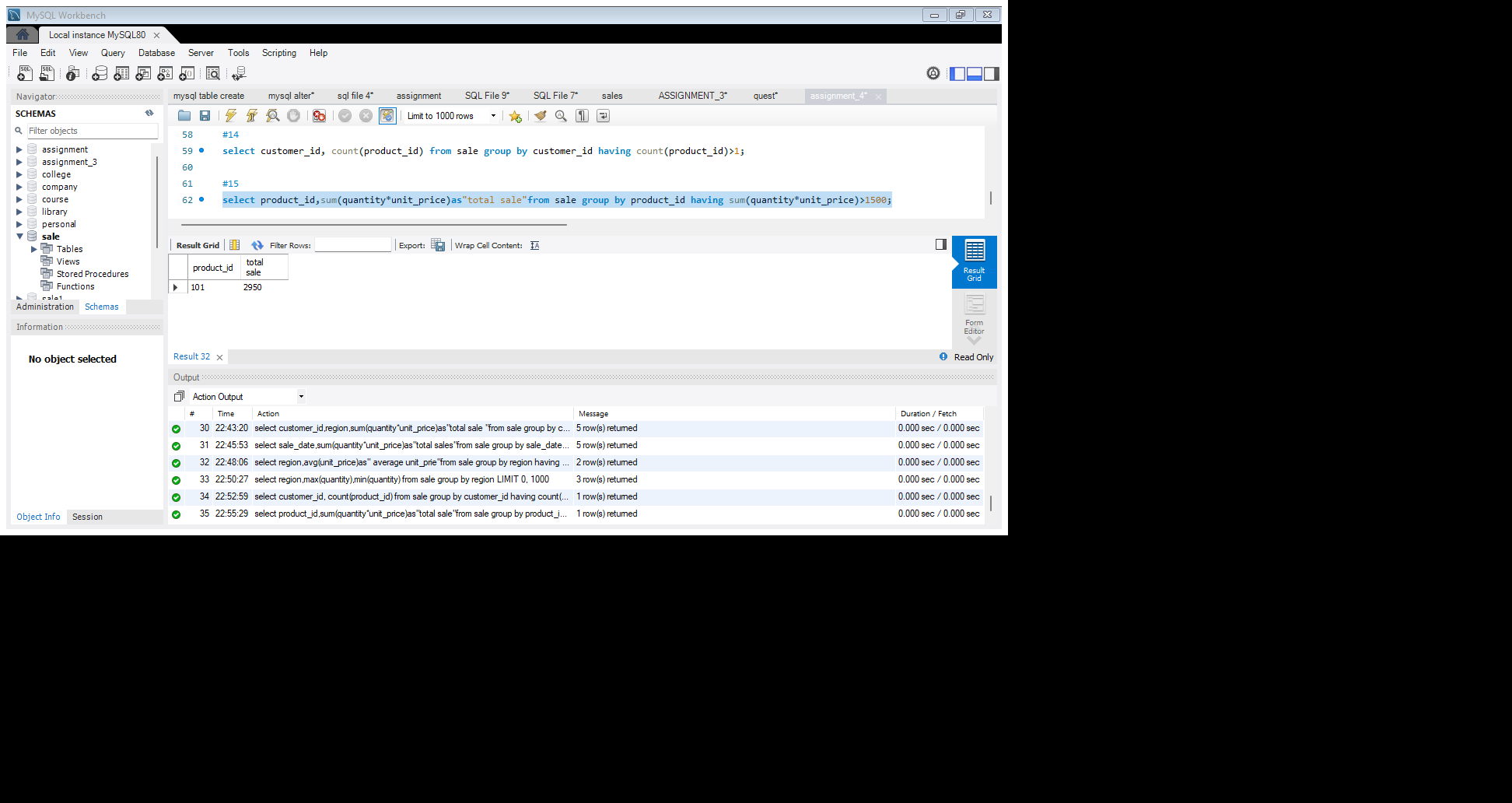
14. Find the customers who have made more than 2 purchases.

**Select customer\_id, count(product\_id) from sale group by customer\_id having count(product\_id)>1;**

****

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 sale" from sale group by product\_id having sum(quantity\*unit\_price)>1500;**

****