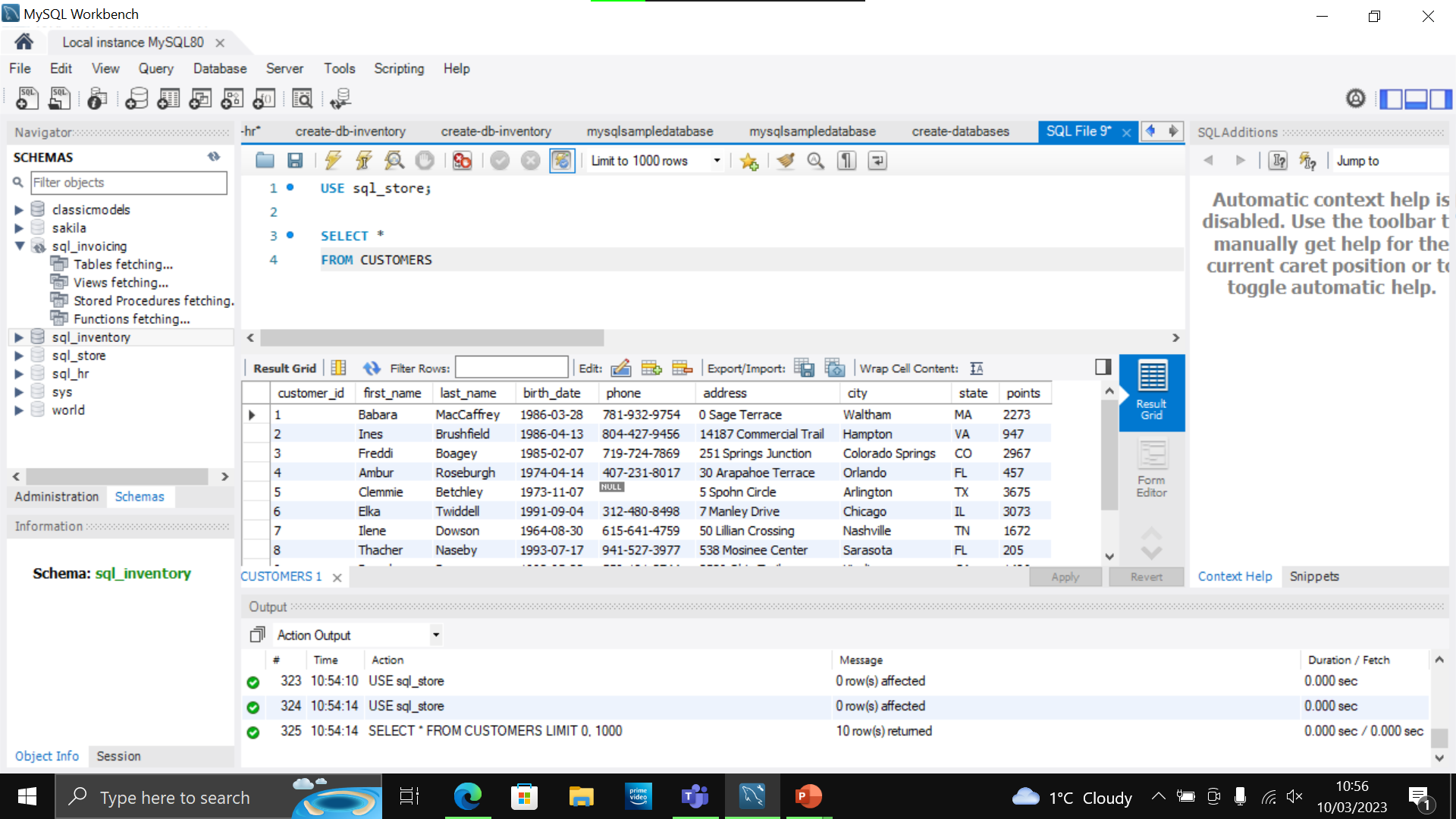
**Query 1**

USE sql\_store;

SELECT \*

FROM CUSTOMERS



**Query 1 continued**

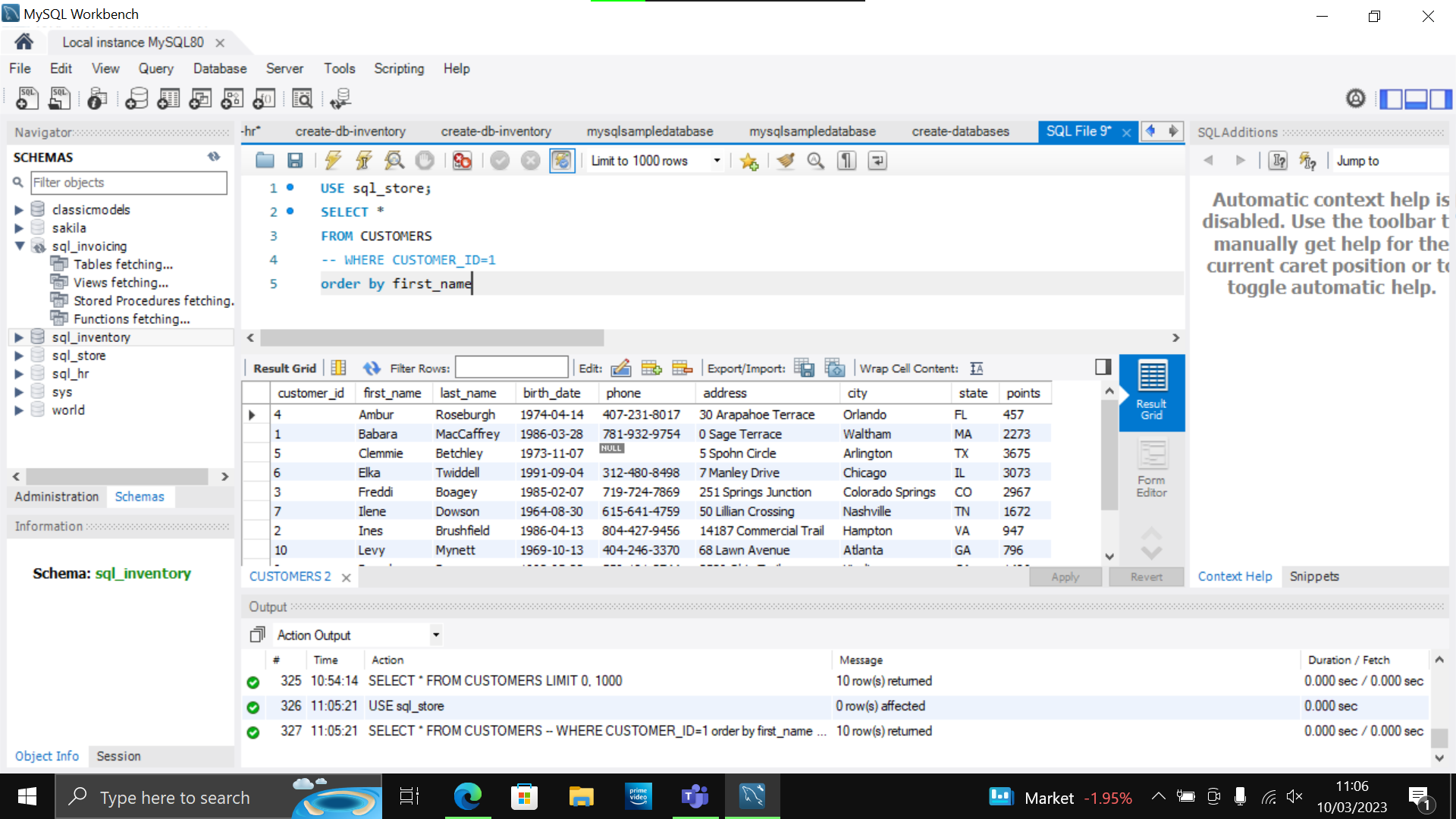
USE sql\_store;

SELECT \*

FROM CUSTOMERS

-- WHERE CUSTOMER\_ID=1

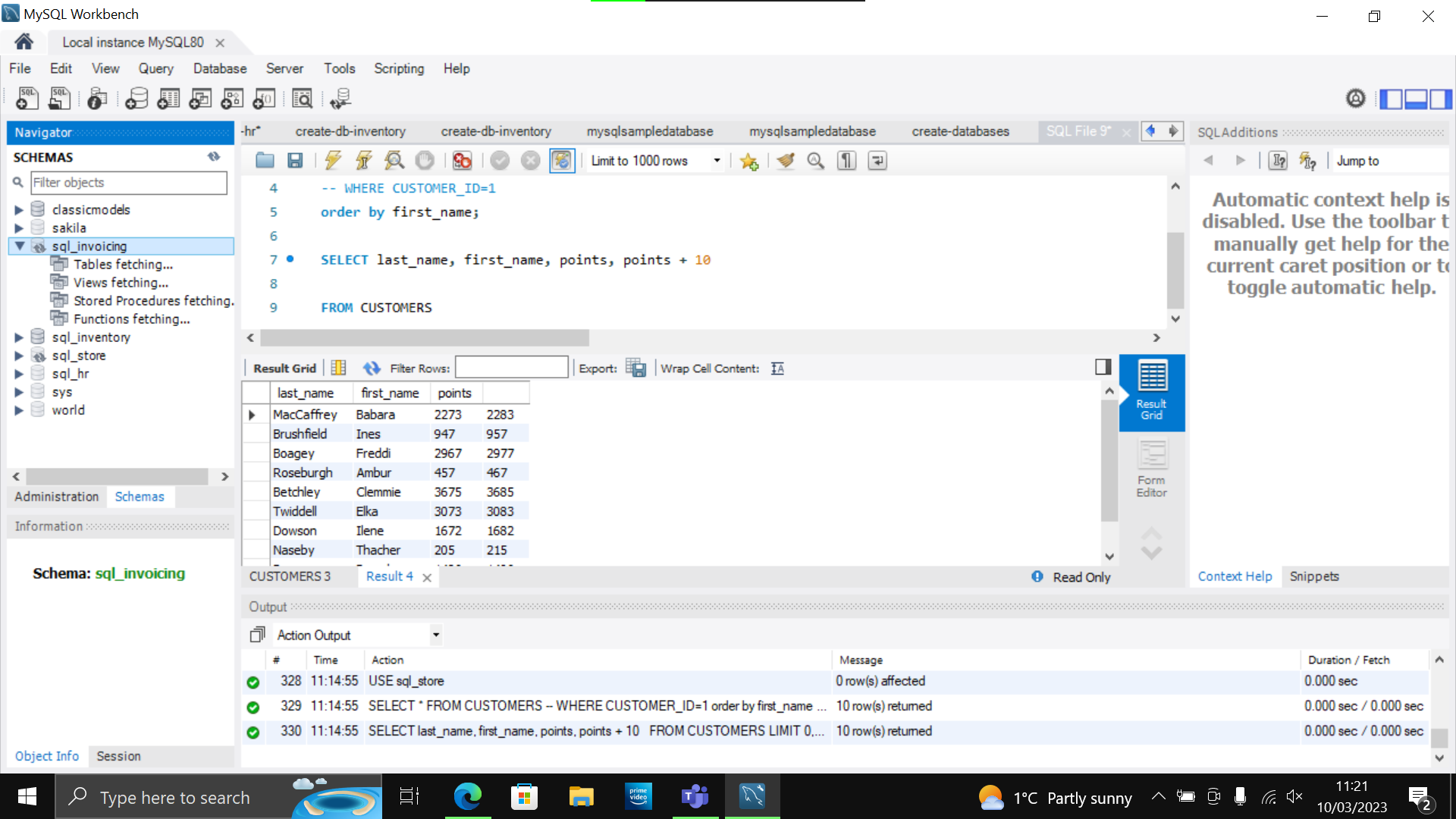
ORDER BY first\_name



**Query 2 SELECT**

SELECT last\_name, first\_name, points, points + 10

FROM CUSTOMERS

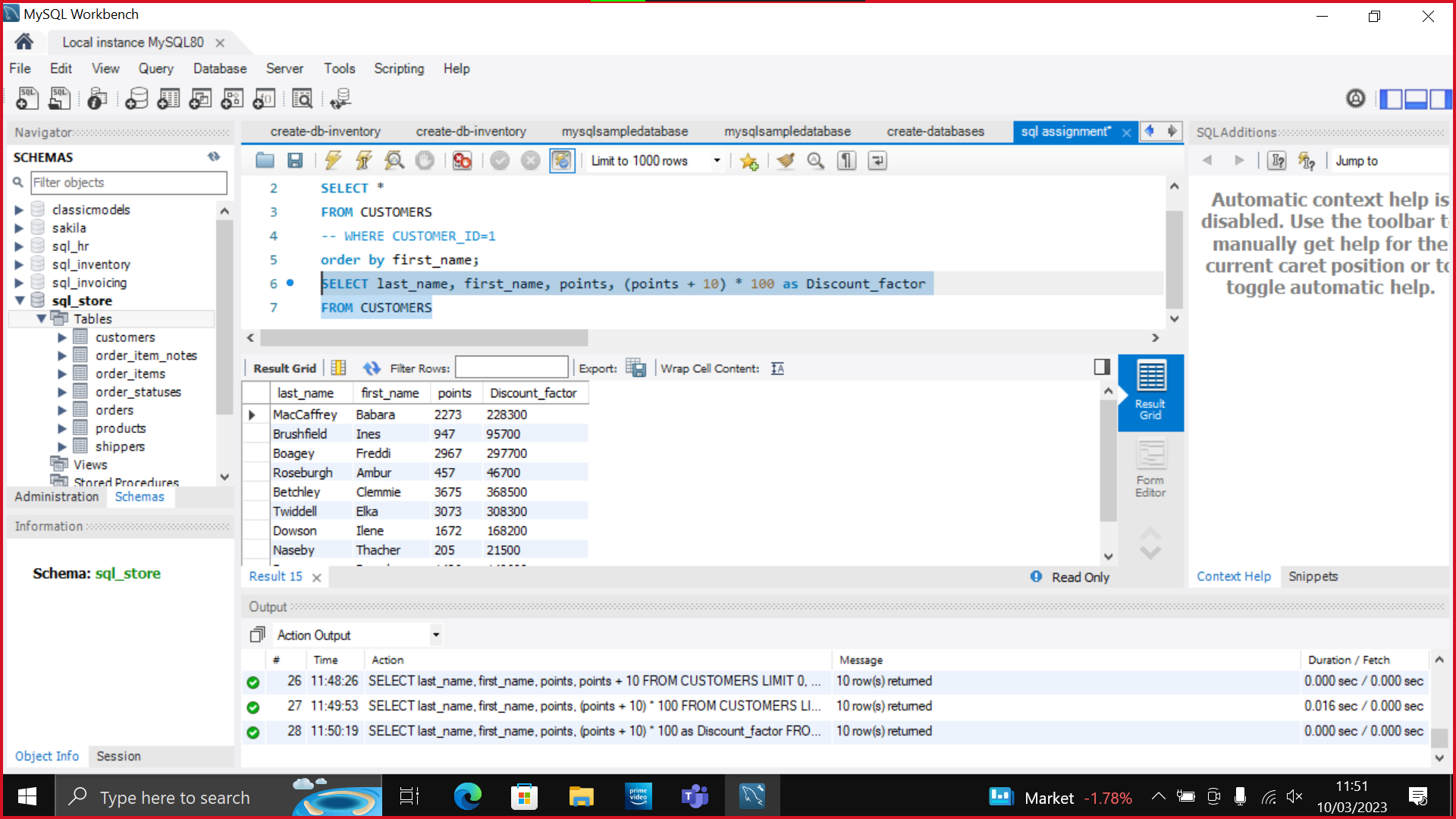


**TASK 1**

* Using the Query 2 you created change the points to reads times by 10 and plus 100. Record your results in your word document
* Change the Query 2 code to create a discount factor so the table now shows a discount header and changing the (points + 10) \*100

SELECT last\_name, first\_name, points, (points + 10) \* 100 as Discount\_factor

FROM CUSTOMERS



**TASK 2**

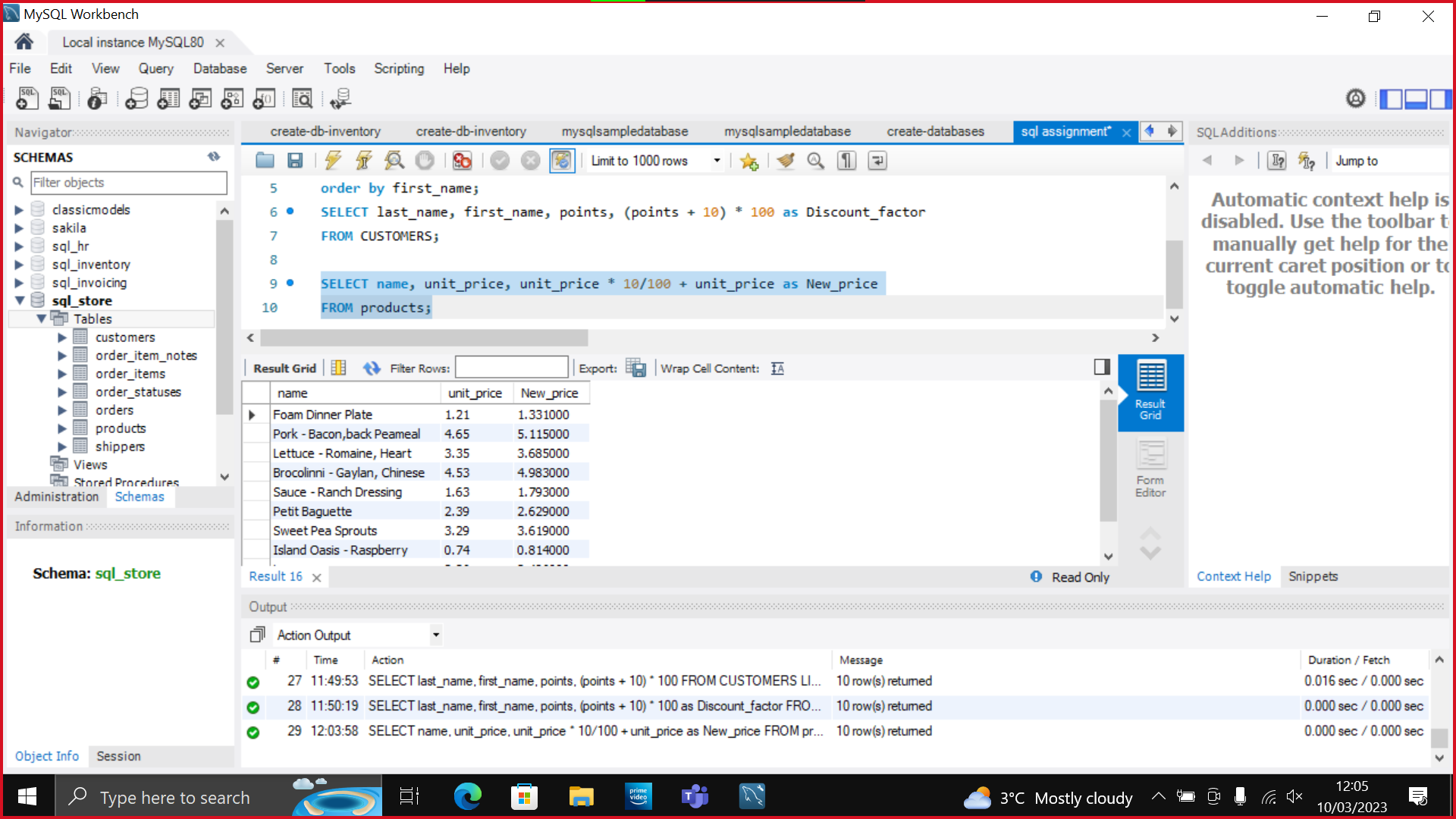
* Write a SQL query to return all the products in our database in the result set. I want you to show columns; name, unit price, and new column called new price which is based on this expression, (unit price \* 1.1).

So, what you are doing is increasing the product price of each by 10%.

So, with the query we want all the products the original price and the new price.

SELECT name, unit\_price, unit\_price \* 10/100 + unit\_price as New\_price

FROM products;



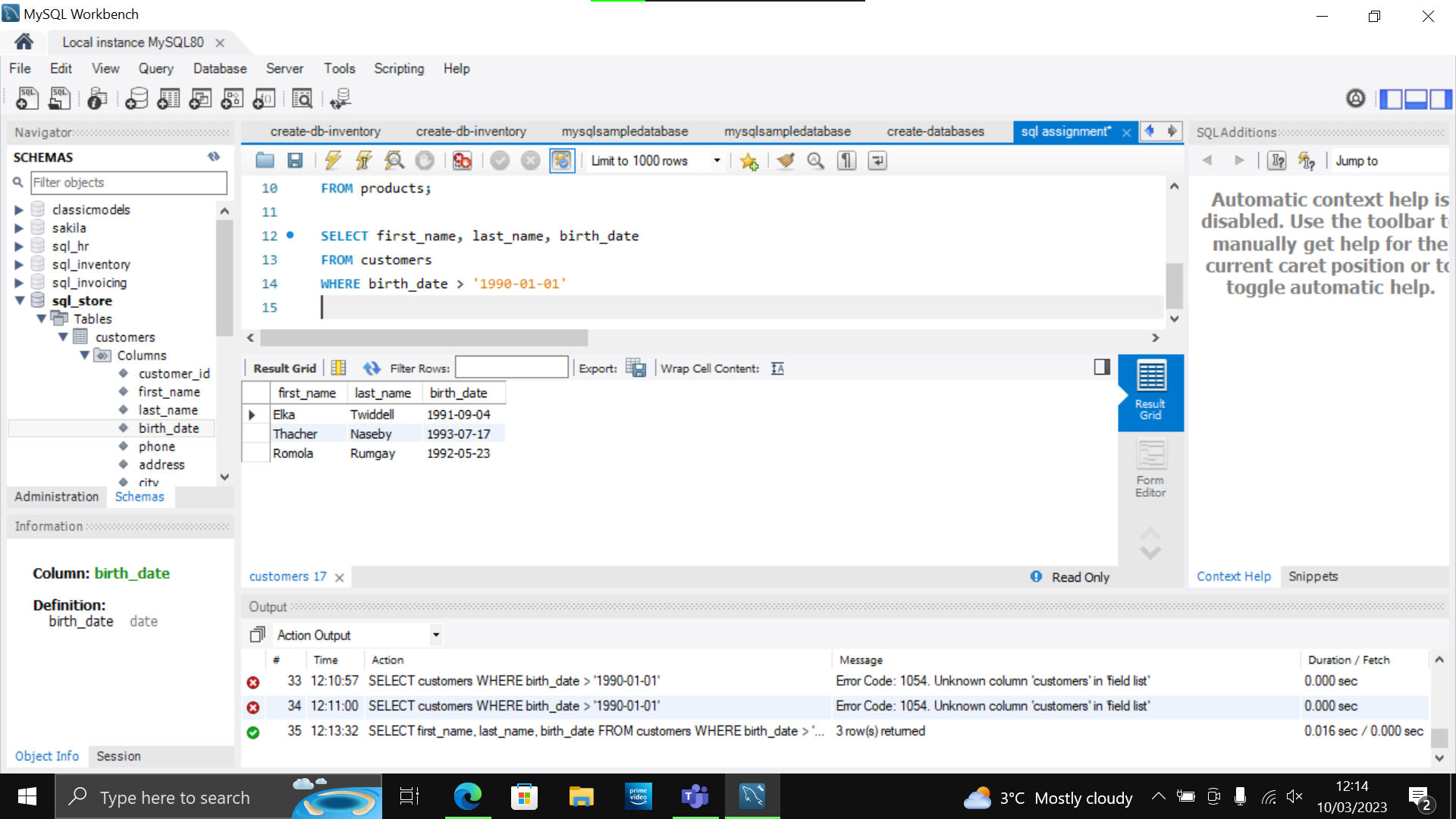
**TASK 3**

In this task create a new query to find all the customers with a birth date of > '1990-01-01'

SELECT first\_name, last\_name, birth\_date

FROM customers

WHERE birth\_date > '1990-01-01'



**TASK 4**

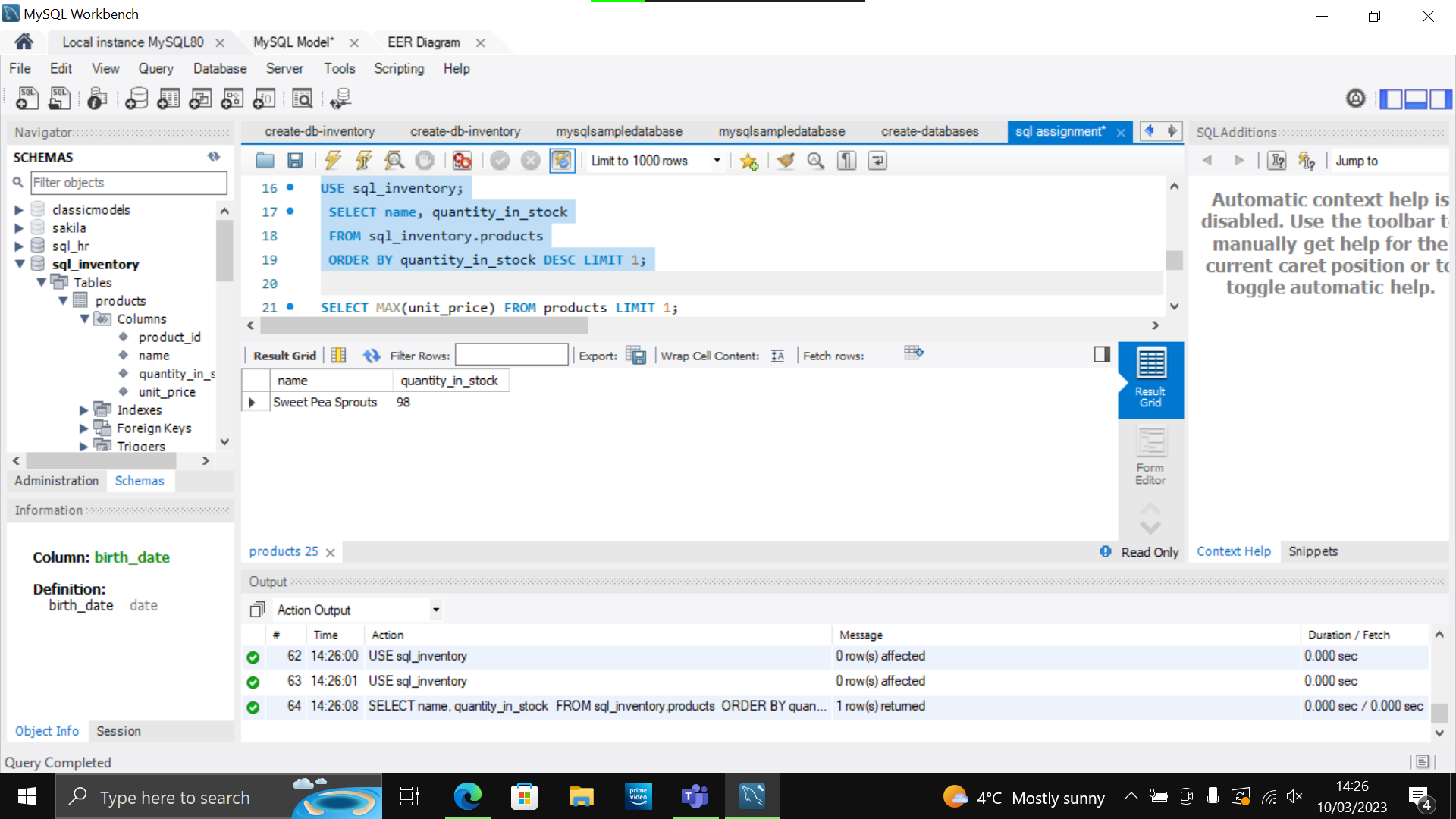
Select sql\_inventory.

* Write a query to find out the name of the product with most amount in stock.

SELECT name, quantity\_in\_stock

FROM sql\_inventory.products

ORDER BY quantity\_in\_stock DESC LIMIT 1;



**TASK 5**

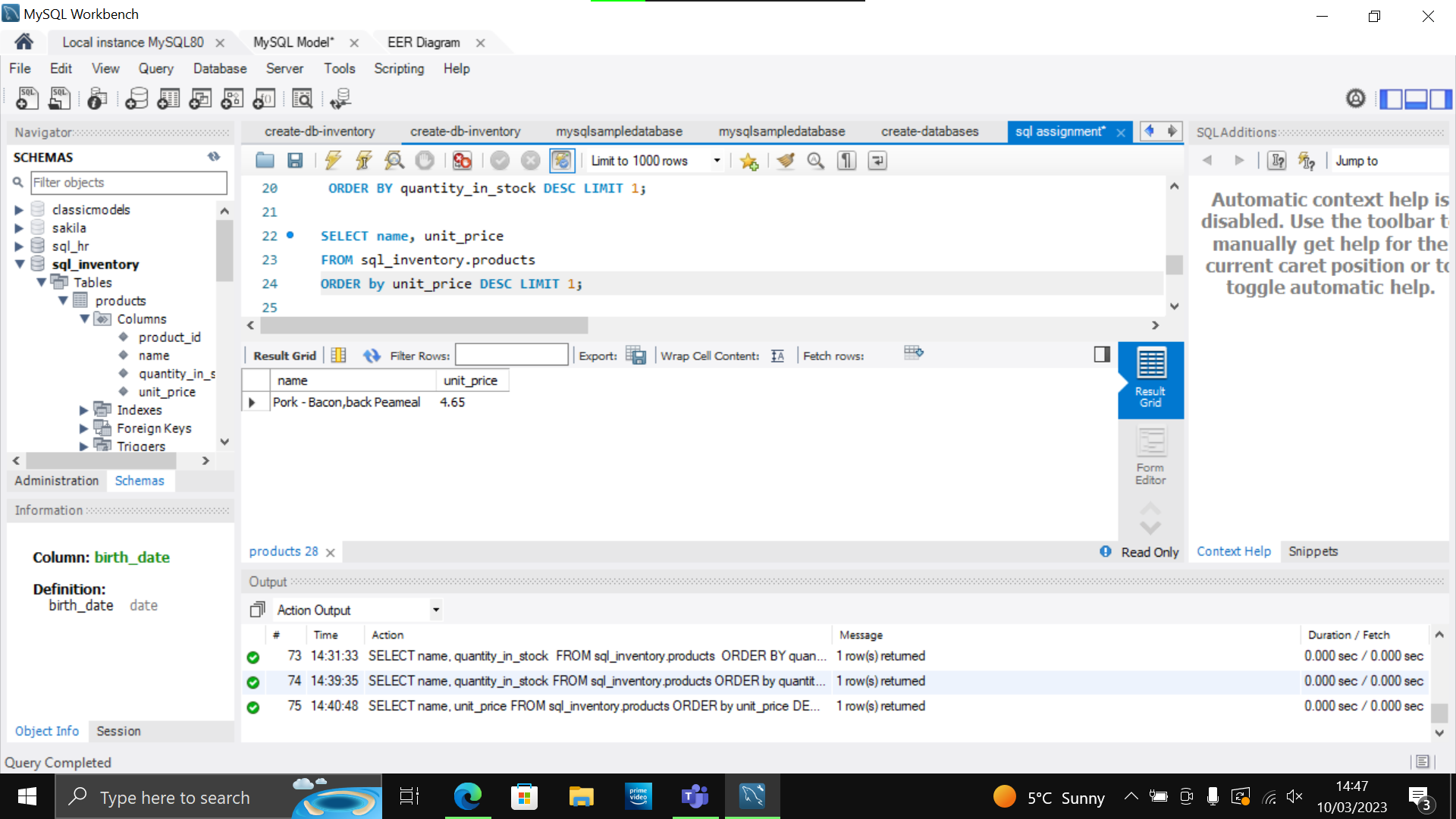
* Select sql\_inventory.
* Write a query to find out the name of the most expensive product.

SELECT name, unit\_price

FROM sql\_inventory.products

ORDER BY unit\_price DESC

LIMIT 1;



**TASK 6**

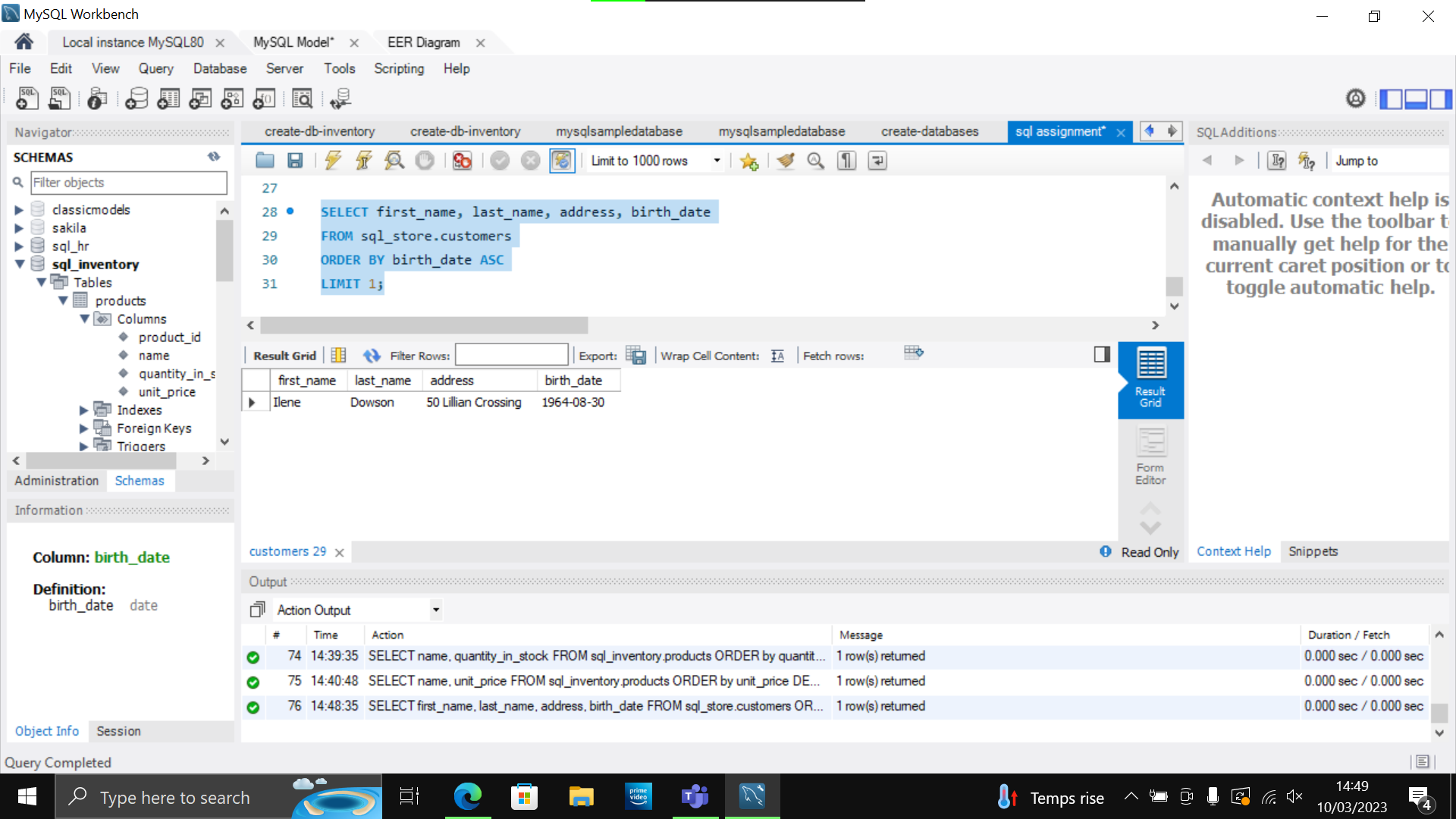
* Select sql\_store.
* Write a query to find out the first name, last name, address and the birthdate of the oldest customer.

SELECT first\_name, last\_name, address, birth\_date

FROM sql\_store.customers

ORDER BY birth\_date ASC

LIMIT 1;



**Reverse Engineer**

