2023

MYSQL Task

BY
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JUST IT | London

Query 1

USE sql_store;

SELECT *

FROM Customers;

Query 1 continued

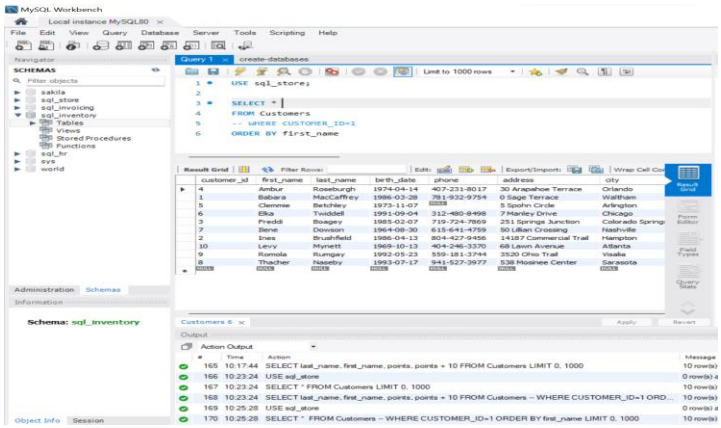
SELECT *

FROM Customers;

WHERE customer_id = 1

ORDER BY first_name;

Output: Query 1

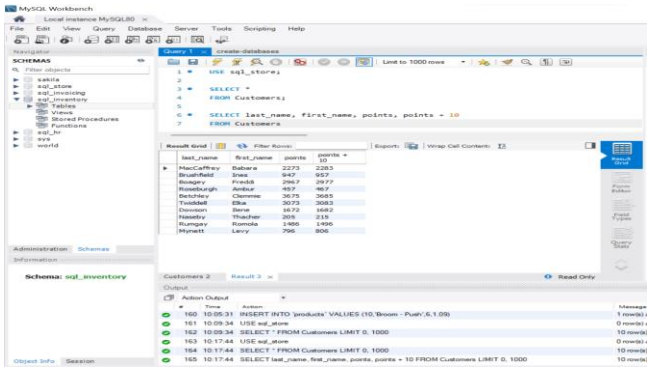


Query 2:

SELECT last_name, first_name, points, points + 10

FROM customers;

Output : Query 2

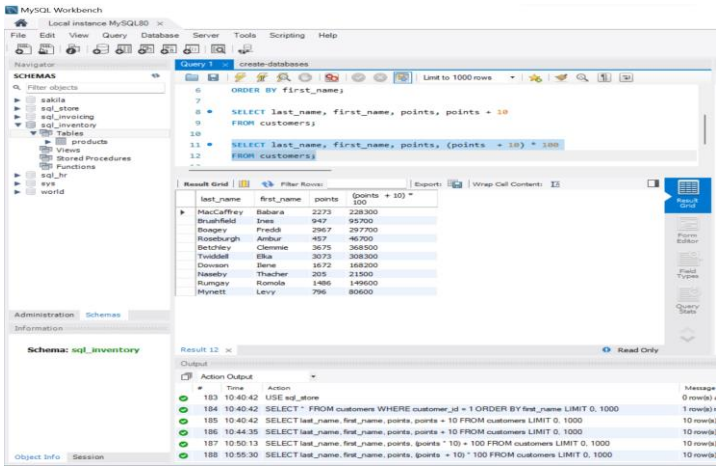


Task 1:

SELECT last_name, first_name, points, (points + 10) * 100

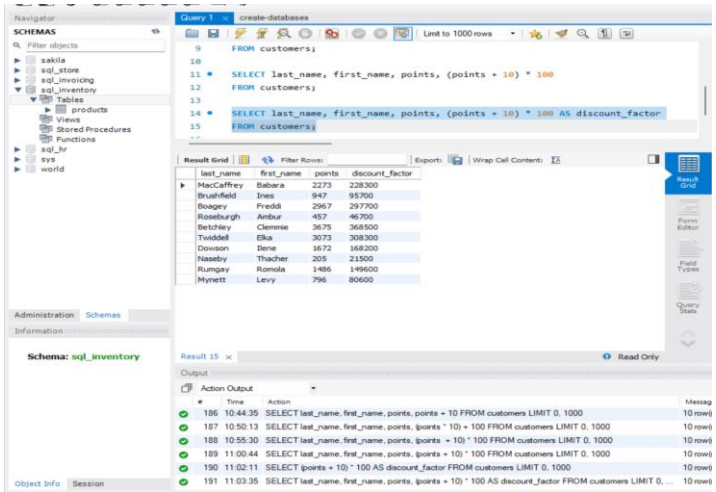
FROM customers;

Output: Task 1



SELECT last_name, first_name, points, (points + 10) * 100

FROM customers;

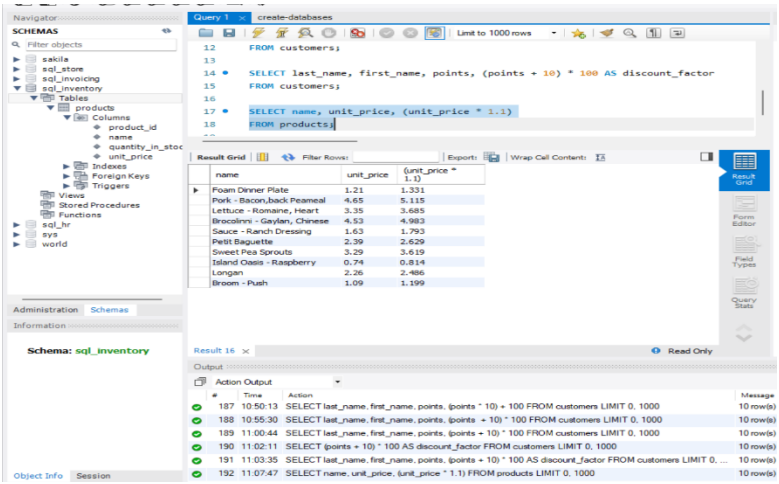


Task 2:

SELECT name, unit_price, (unit_price * 1.1)

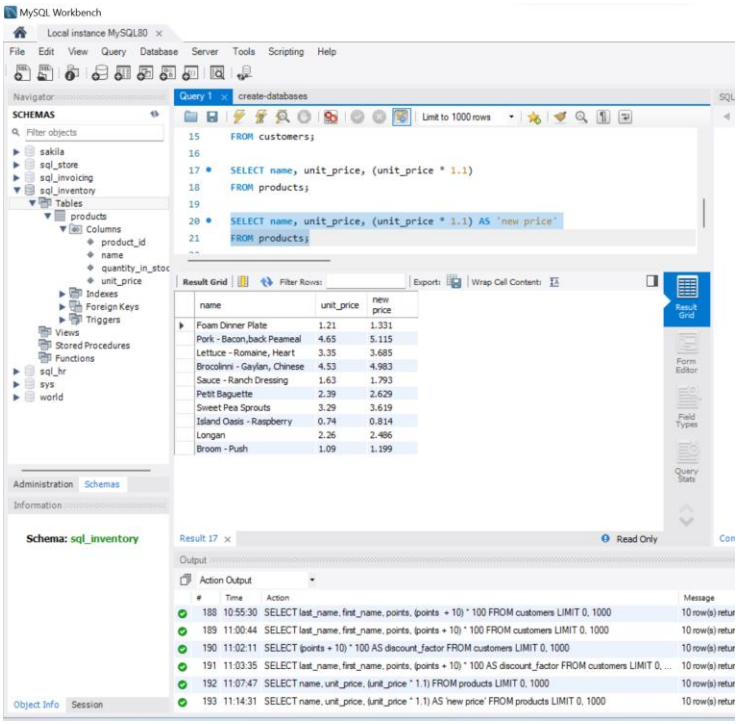
FROM products;

Output: Task 2



SELECT name, unit_price, (unit_price * 1.1) AS 'new price'

FROM products;

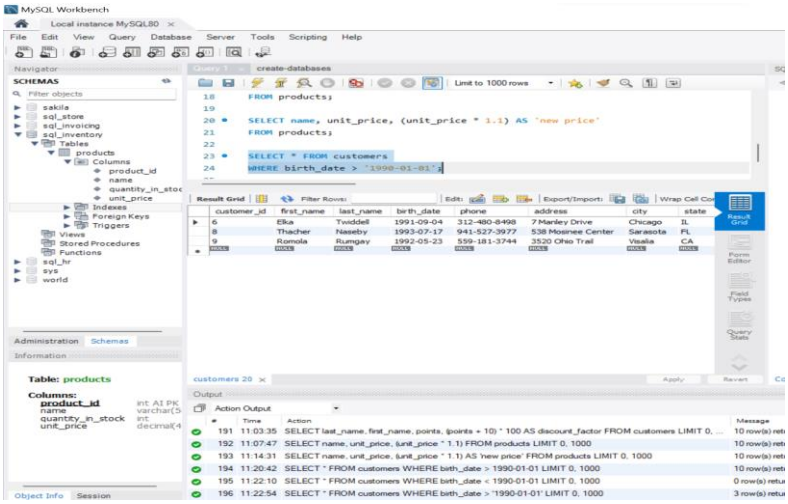


Task 3:

SELECT * FROM customers

WHERE birth_date > '1990-01-01';

Output: Task 3



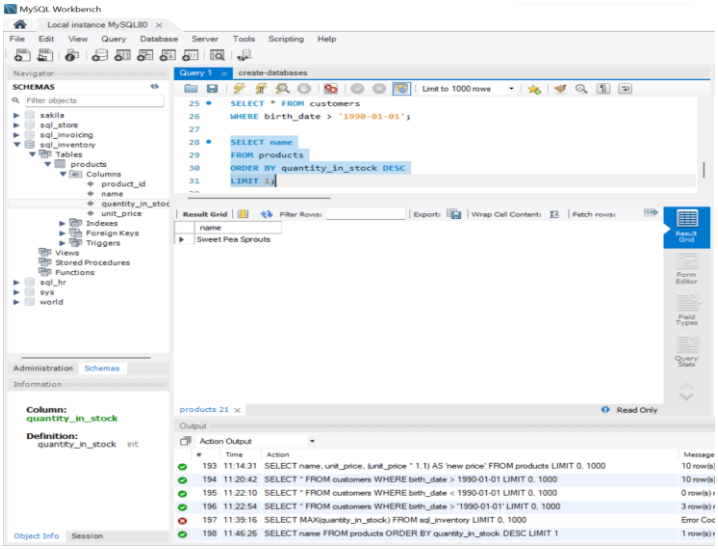
Task 4:

SELECT name

FROM products

ORDER BY quantity_in_stock DESC

LIMIT 1;



Task 5:

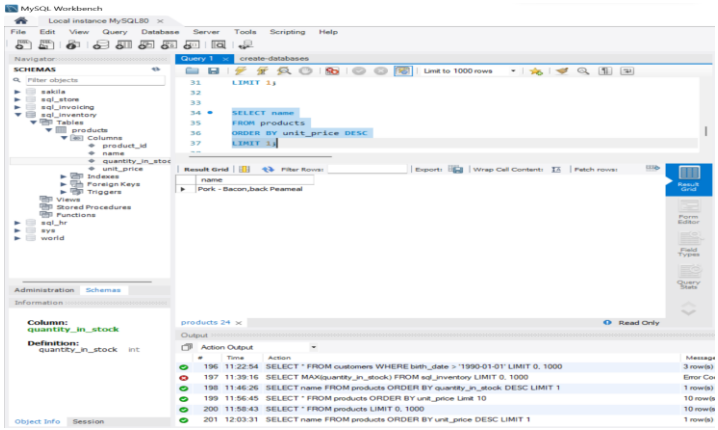
SELECT name

FROM products

ORDER BY unit_price DESC

LIMIT 1;

Output: Task 5



Task 6:

USE sql_store;

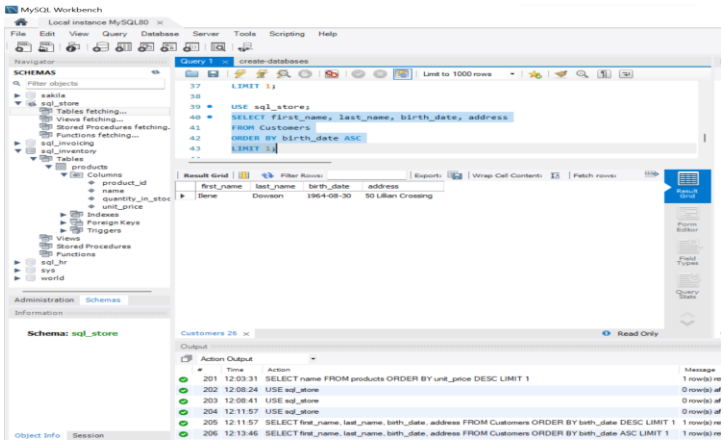
SELECT first_name, last_name, birth_date, address

FROM Customers

ORDER BY birth_date ASC

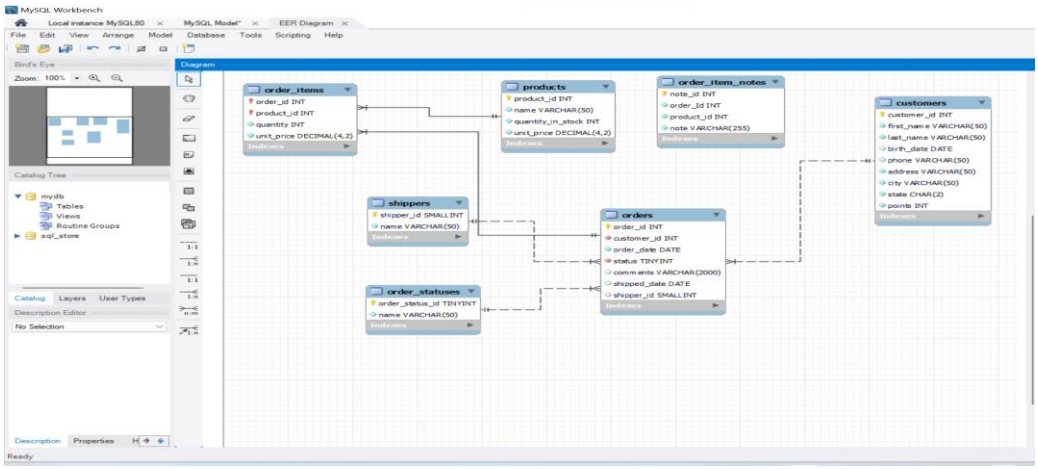
LIMIT 1;

Output: Task 6



Task 7:

EER Diagram:



Relationship between tables:

I just explore the tables in sql store which contains

Order_items, shippers, products, customers, orders, orders

Primary Key:

A Primary Key is a column or set of columns that uniquely identifies each row in a table. It is used to enforce the integrity and consistency of the data in the table, and it ensures that each row has a unique identifier.

In this EER diagram sql store table is taken into account;

The primary key for the tables order_items and products is product_id INT.

Foreign Key:

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

There is no foreign key between the tables in these SQL store databases.

THANK YOU