Inventory management system

Note:

Design database for the given scenario and use DDL and DML statements to perform the CRUD operations.

1. **Understand the given problem statement and apply W3H to analyze it.**
2. **Bring out the list of tables and attributes required for the database design.**
3. **Apply Normalization.**
4. **Draw an ER Diagram.**
5. **Perform the CRUD operations.**

1)W3H

WHAT ?	HOW ?
What are the requirements to be Implement? USER: 1)Question: The user want to register in your portal? Ans: Yes, users want to register. 2)Question: The user wants to order a product? Ans: Yes, users want toOrder Product. 3)Question: How do users want to pay the bill for a product? Ans: Through anyone of the payment Method. 4)Question: The user can able to view the details of theProduct information? Ans: Yes, users want to view.	USER: 1)Question: Method1:Using the mobile number. Method2:Using the email-id. Method3:Using the both mobile number or email-id. 2)Question: Method1:Showcase list of available Product name. Method2:Showcase list of available Product in details. Method3:Showcase the list of available product in details along with the picture of the product. 3)Question: Method1:Through the upi payment. Method2:Through the card,bank transfer. Method3:Through the both upi payment,cards, bank transfer. 4)Question: Method1:Entering the mobile number. Method2:Enter the name. Method3:Entering the login Credentials.

2)

Product:

pid
pname
pprice
pbrand

Sales:

sid
squantity
sprice
sdate
Pid

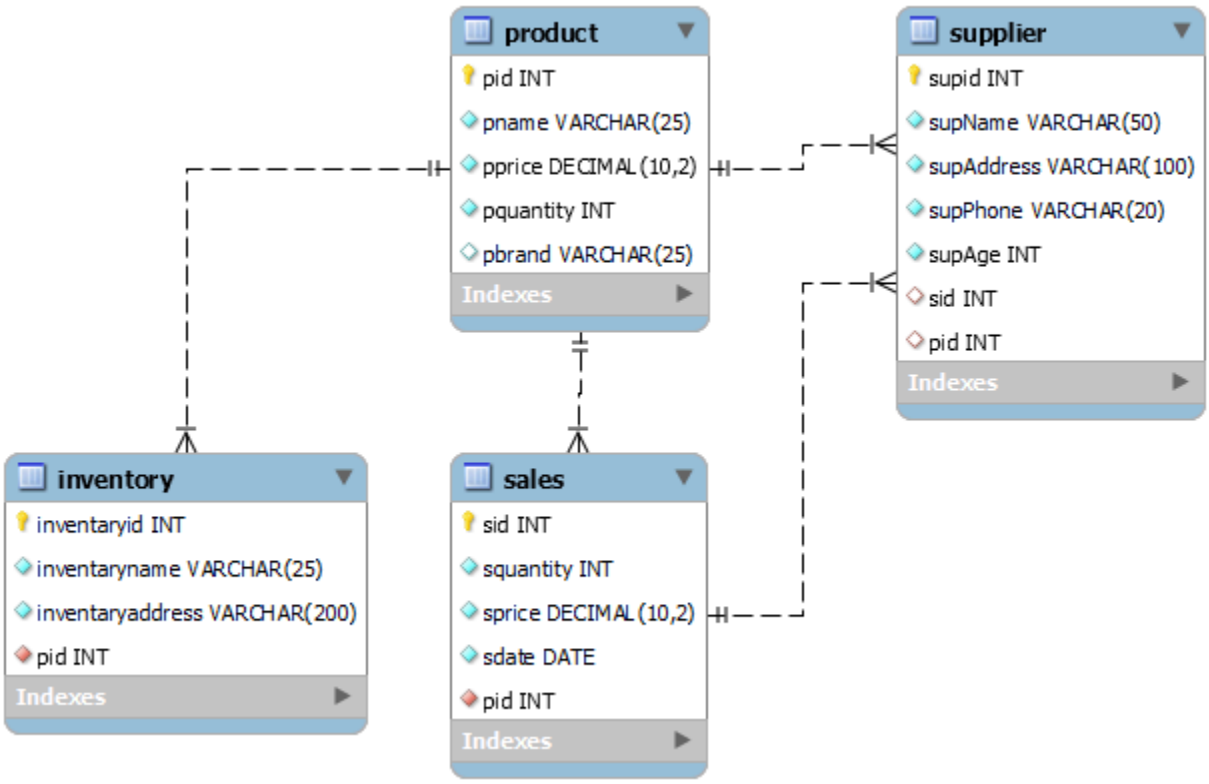
Supplier:

supid
supName
supAddress
supPhone
supAge
sid
Pid

Inventory:

inventaryid
inventaryname
Inventaryaddresspid

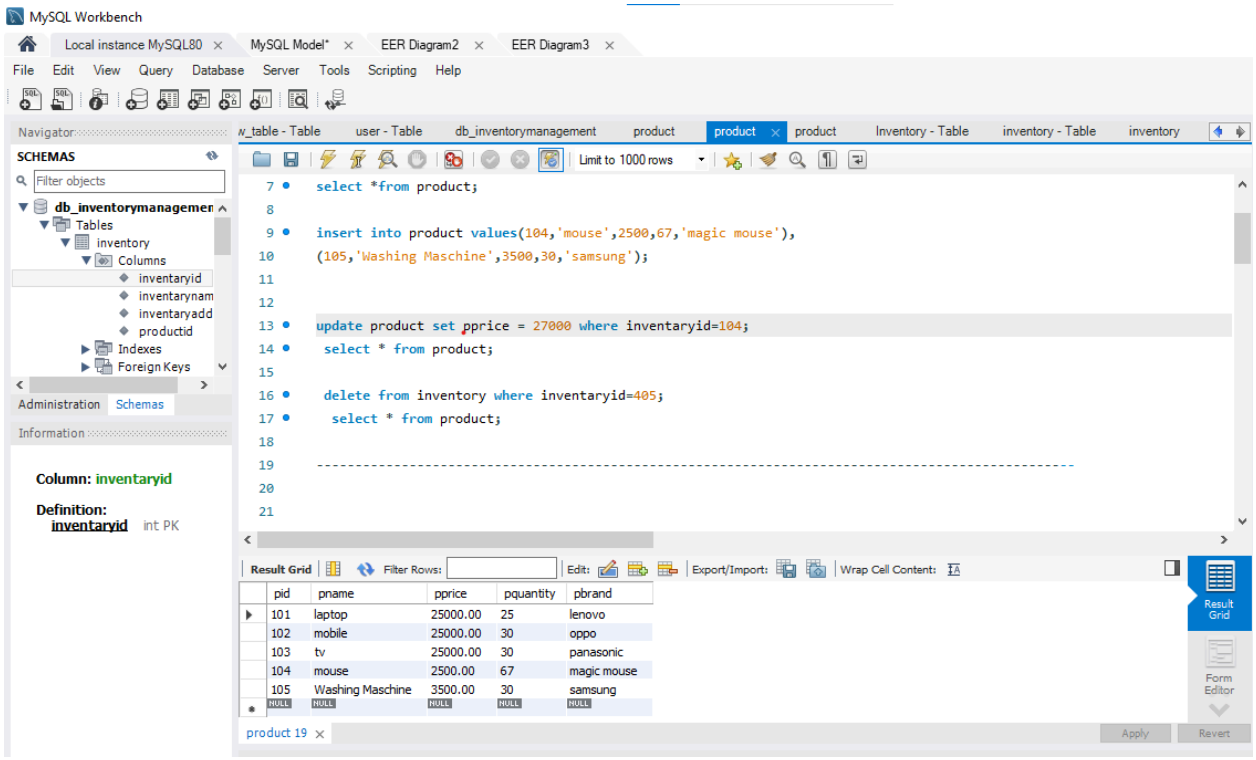
4)Er diagram


product
pid INT
pname VARCHAR(25)
pprice DECIMAL(10,2)
pquantity INT
pbrand VARCHAR(25)
Indexes
supplier
supid INT
supName VARCHAR(50)
supAddress VARCHAR(100)
supPhone VARCHAR(20)
supAge INT
sid INT
pid INT
Indexes
inventory
inventaryid INT
inventaryname VARCHAR(25)
inventaryaddress VARCHAR(200)
pid INT
Indexes
sales
sid INT
squantity INT
sprice DECIMAL(10,2)
sdate DATE
pid INT
Indexes

5)Crud operations

Product:

Add:



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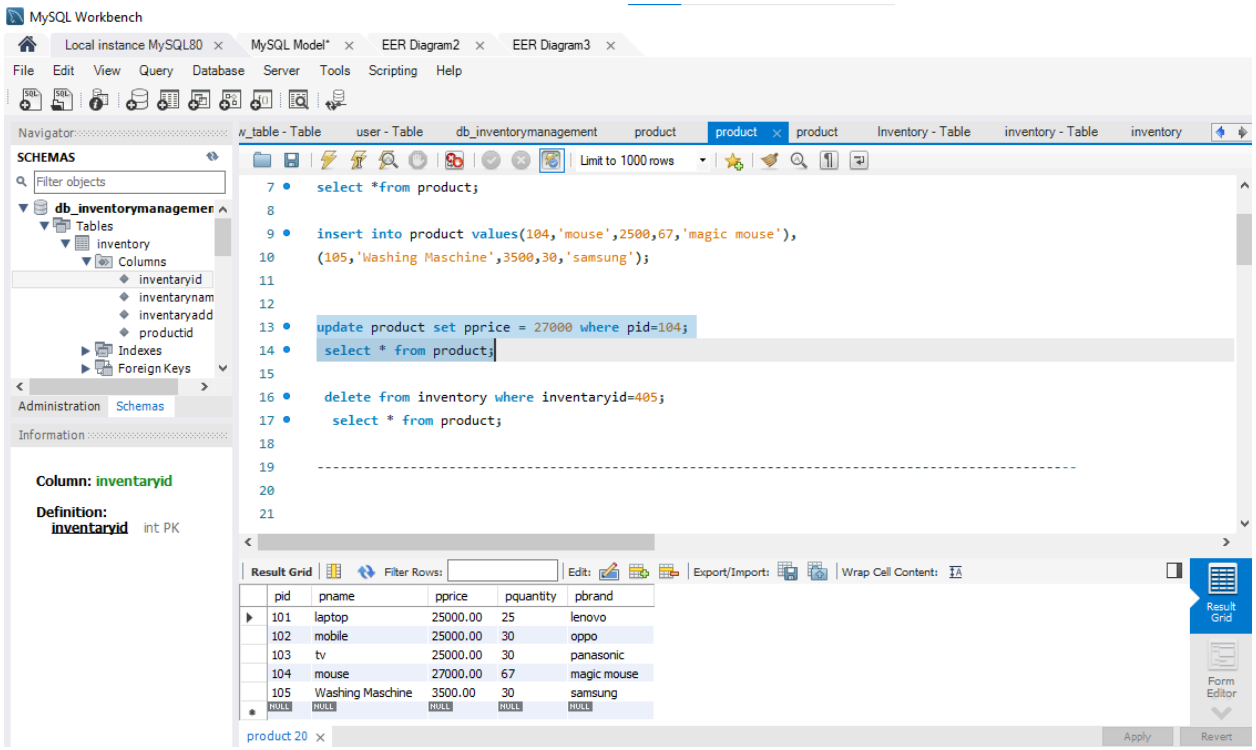

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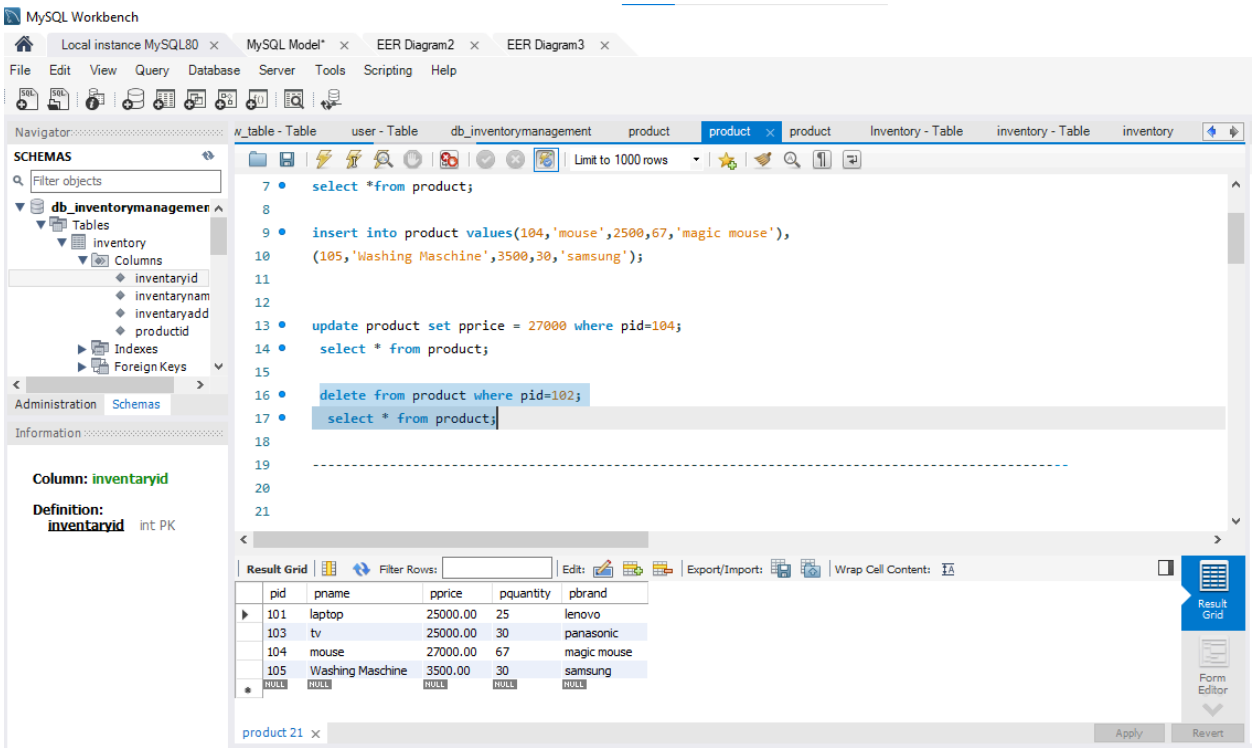
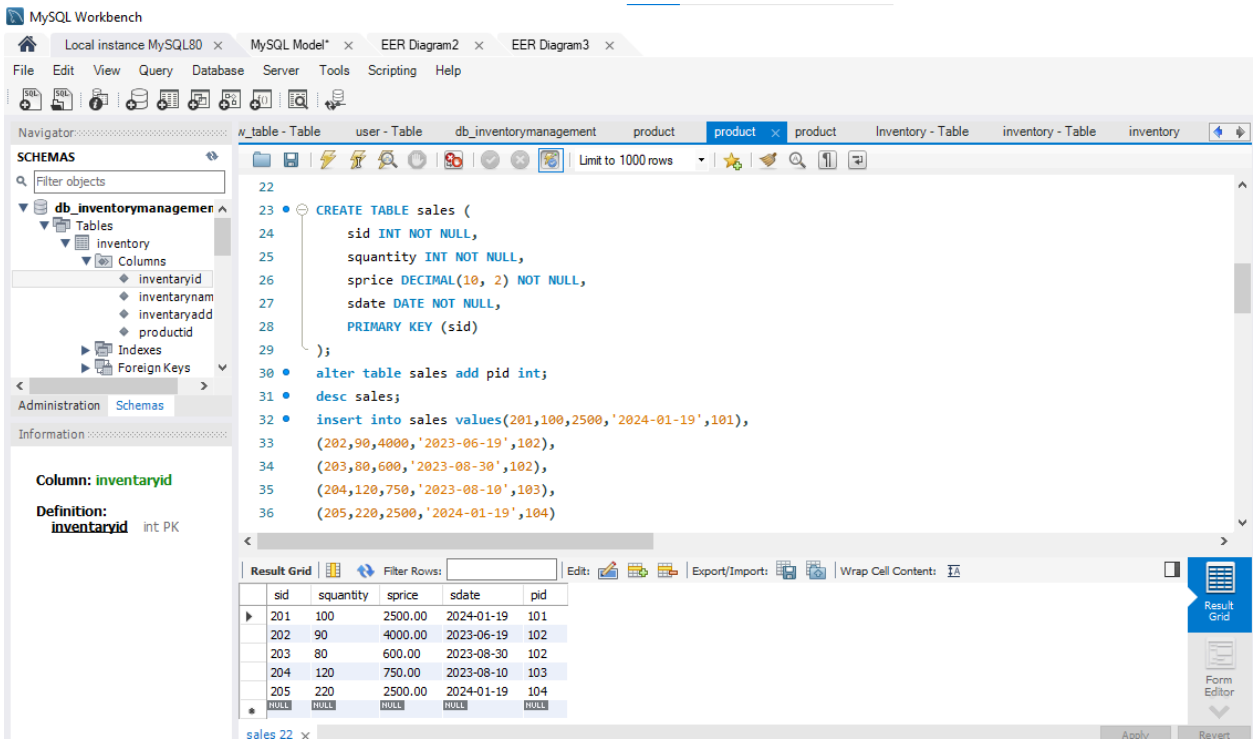


Sales:

Add:



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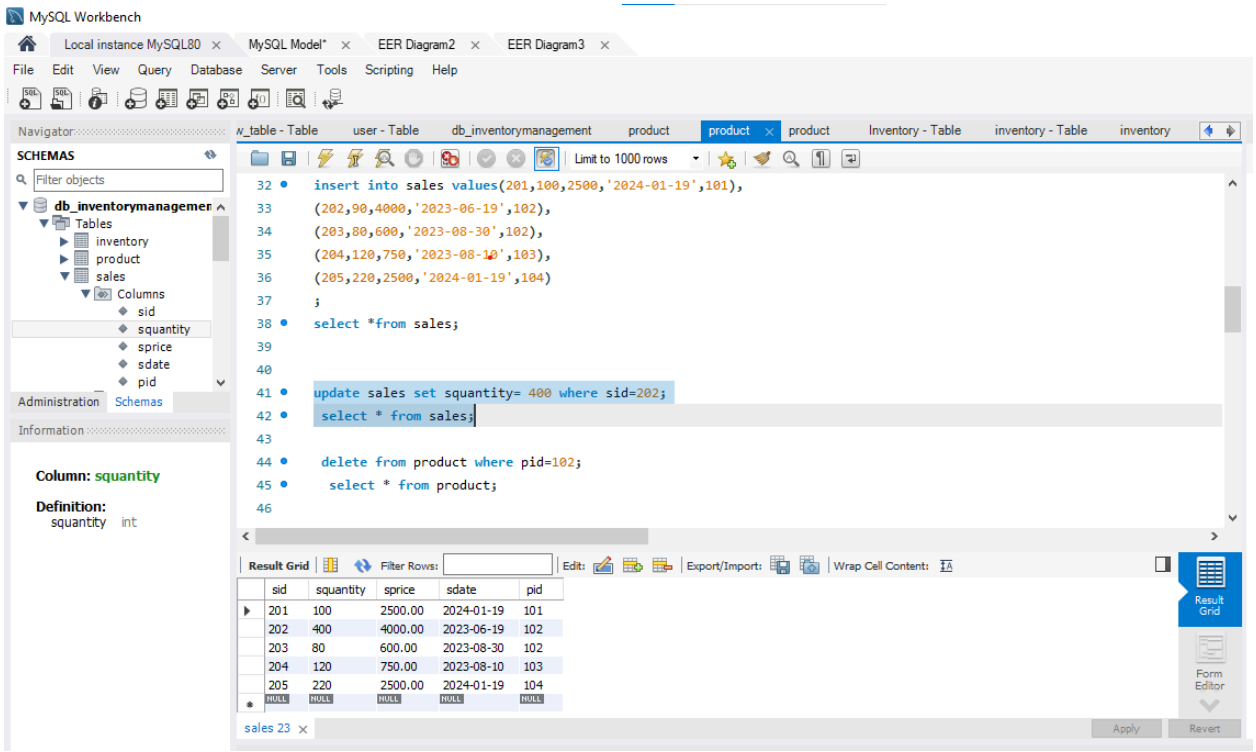
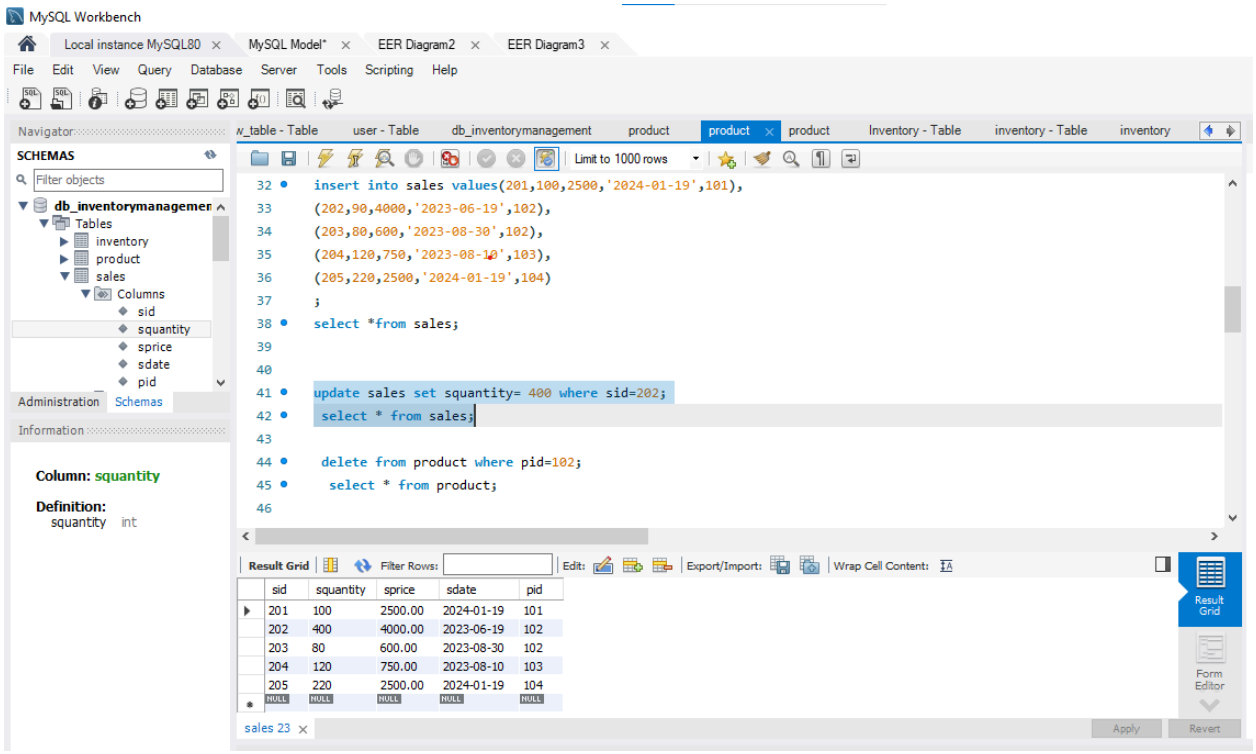
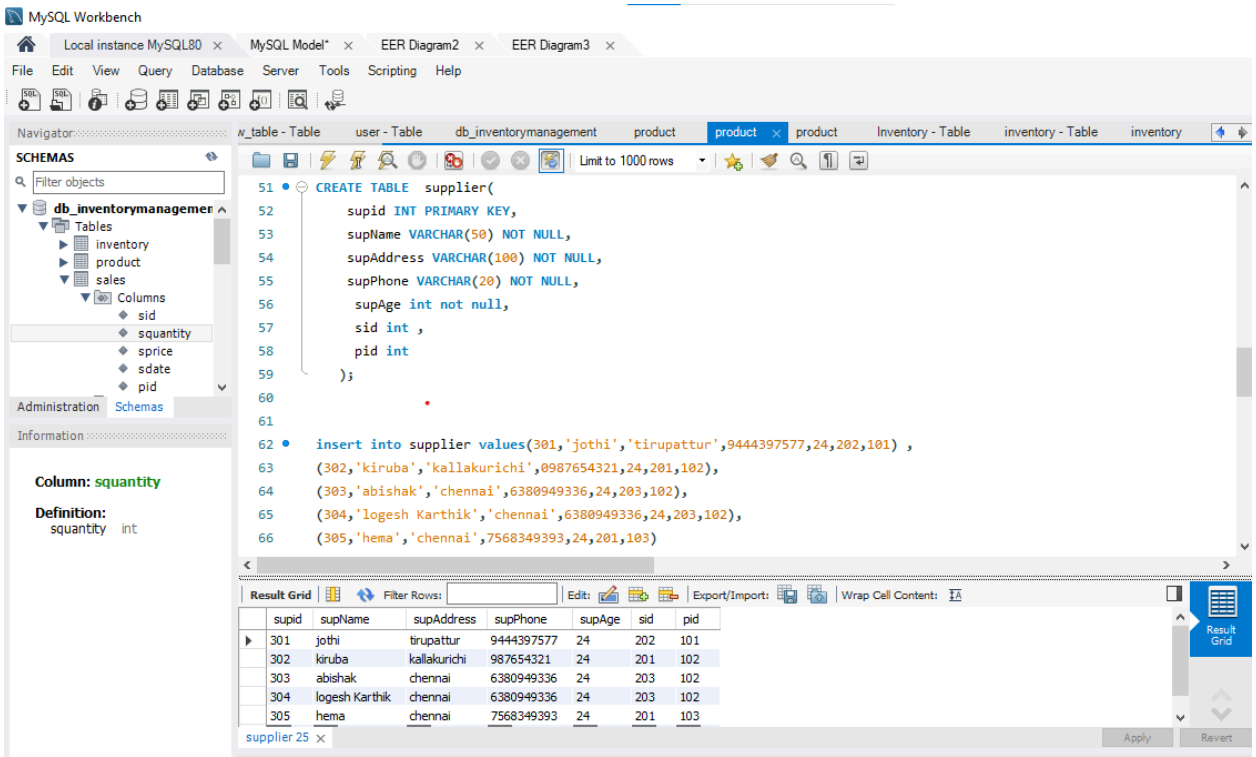


Delete:



Supplier:

Add:



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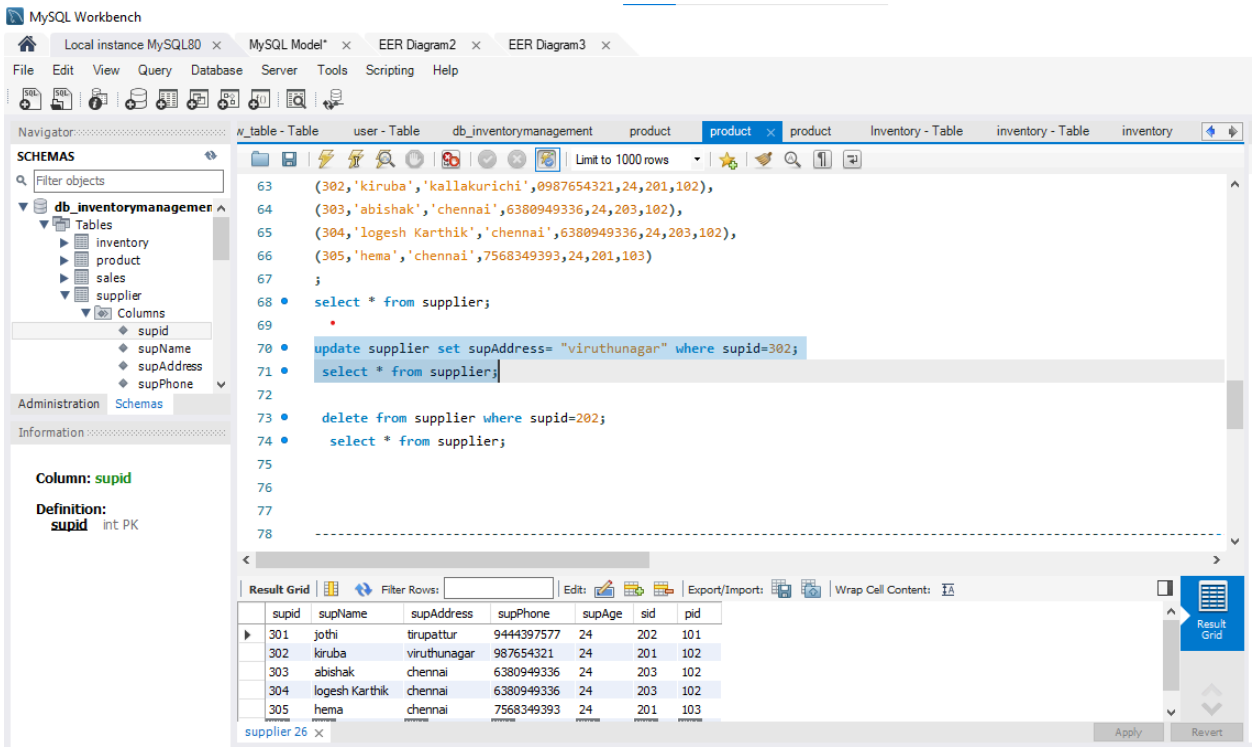

Delete: