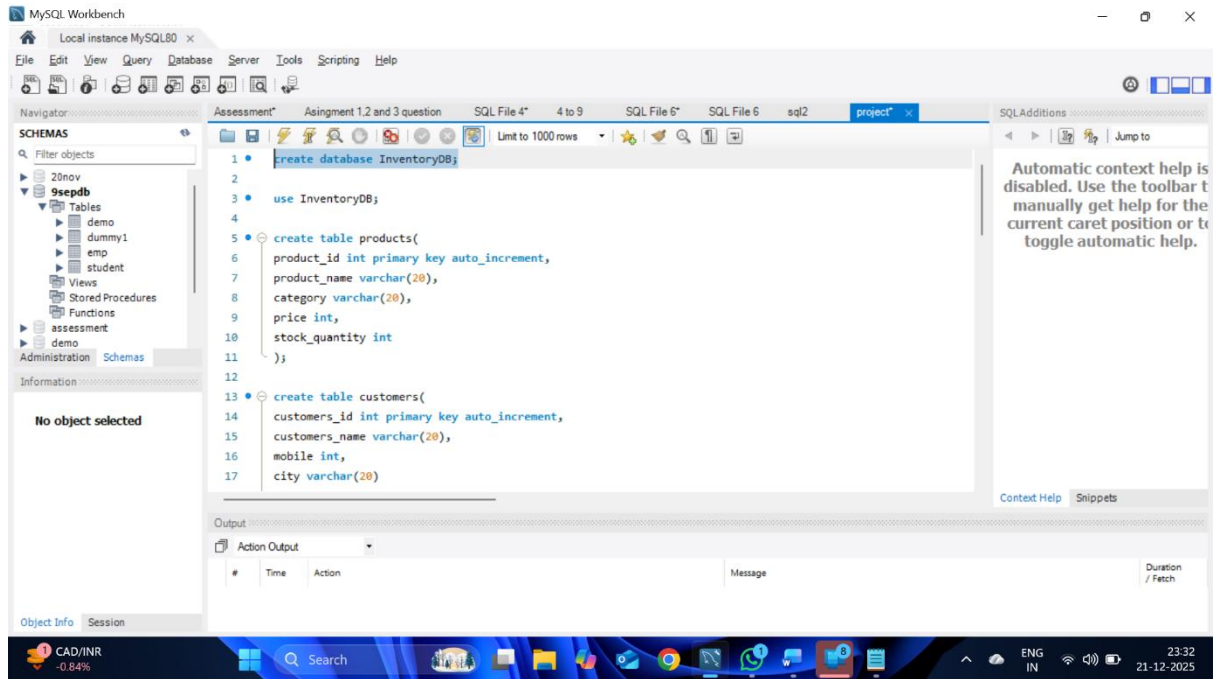
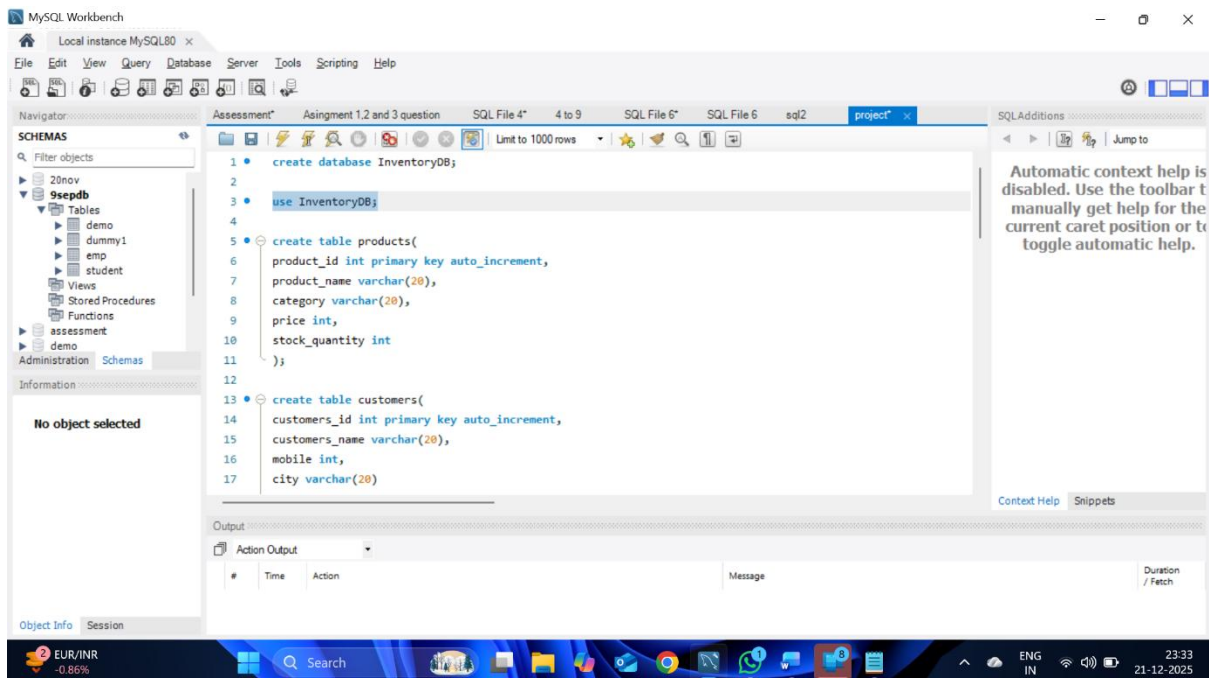


1. Create a Inventory Management System for a small shop.

Create a database named InventoryDB



2. Switch to this database.



3. Create Two Tables

1. products

Fields:

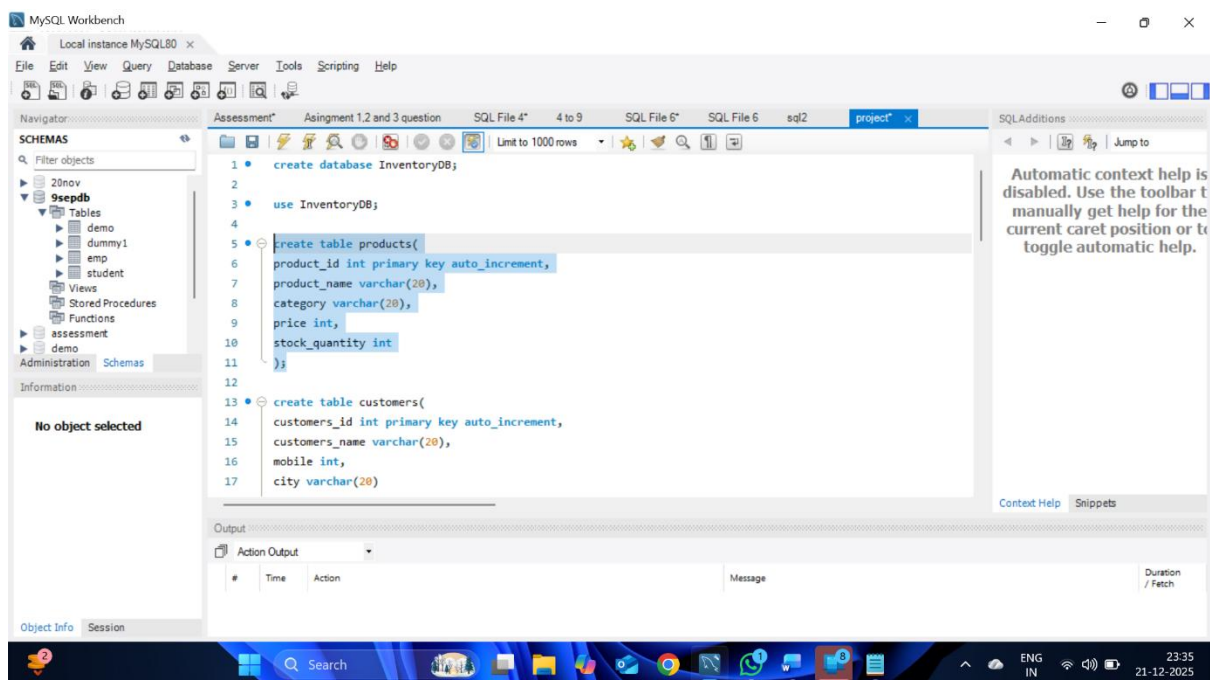
-> product_id → (Primary key, Auto Increment)

-> product_name

-> category

-> price

-> stock_quantity



2. customers

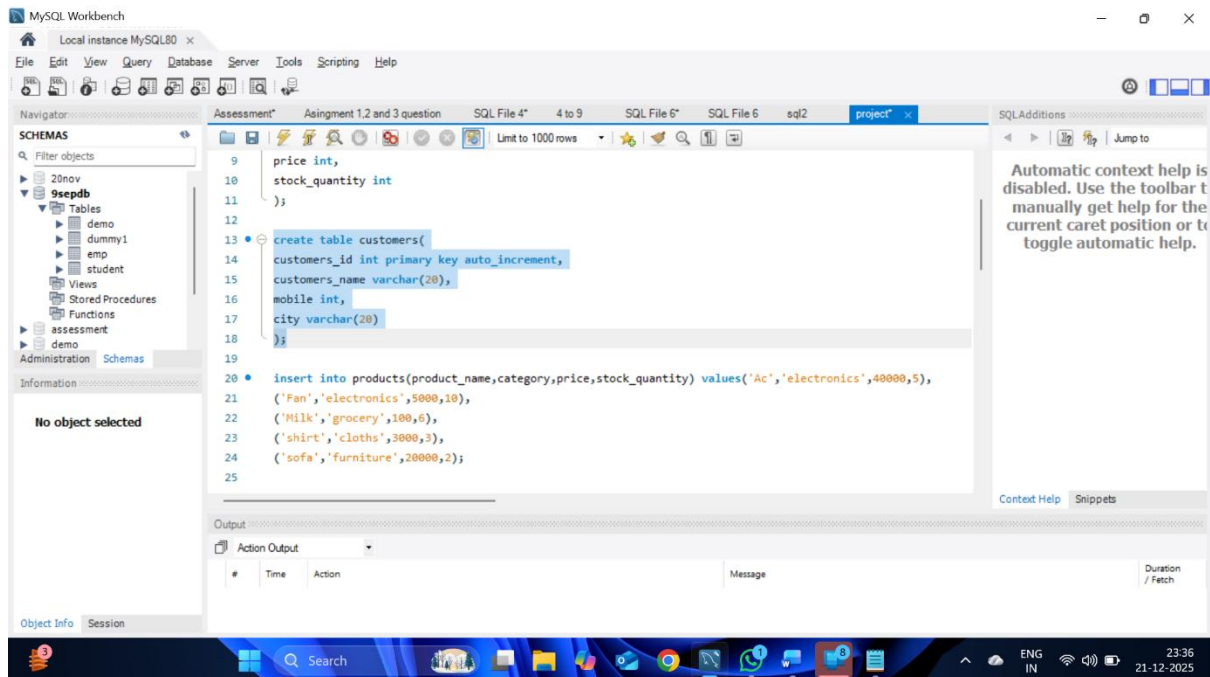
Fields:

-> customer_id → (Primary key, Auto Increment)

-> customer_name

-> mobile

-> city

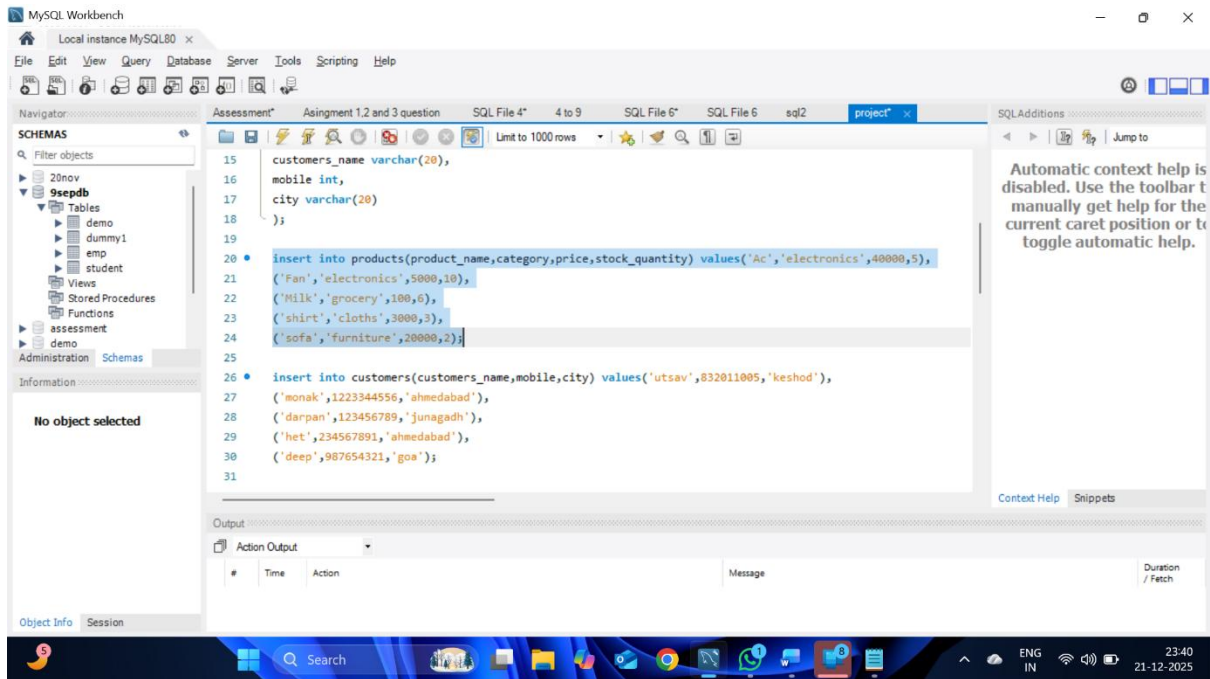


4 . Insert Records

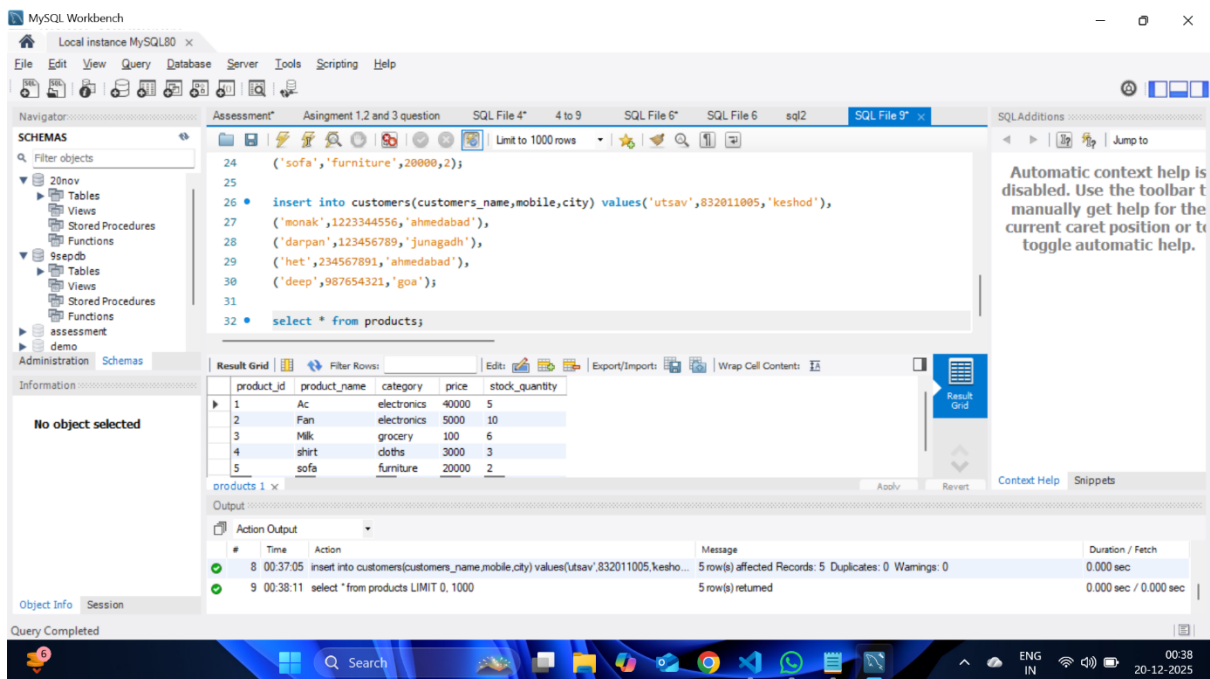
Products Table

Insert minimum 5 products

(Example categories: Electronics, Grocery, Clothing — students choose)

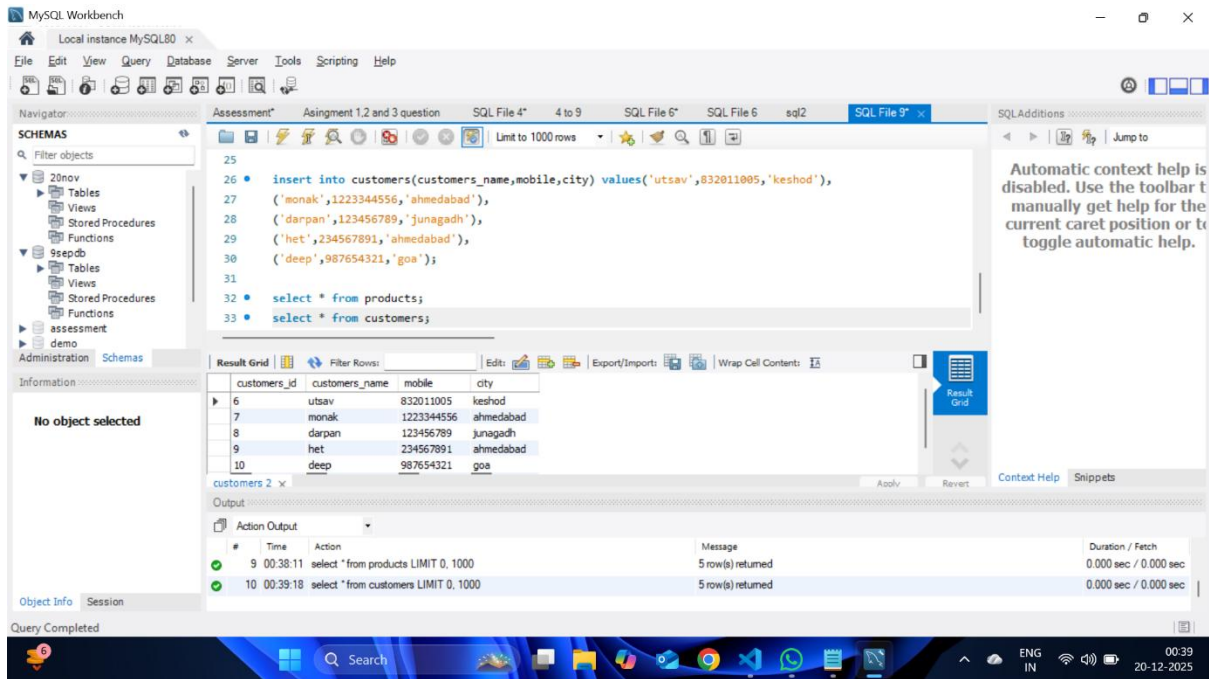


Output :-

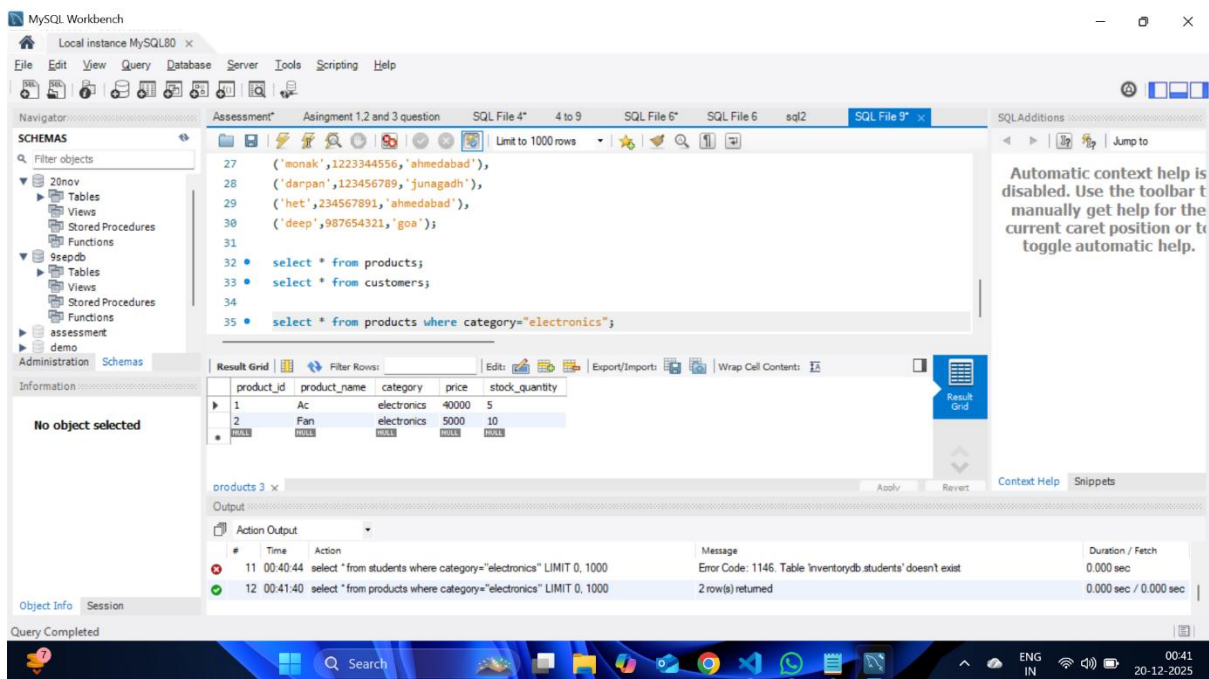


5 . Customers Table

Insert minimum 5 customers



6 . Show products only from category “Electronics”



7 . Show customers from a specific city

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

20nov

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Views

Stored Procedures

Functions

20nov

Tables

Views

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Administration Schemas

Information

No object selected

Assessment

Assignment 1.2 and 3 question

SQL File 4*

4 to 9

SQL File 6*

SQL File 6

sql2

SQL File 9*

Limit to 1000 rows

29 ('het',234567891,'ahmedabad');

30 ('deep',987654321,'goa');

31

32 select * from products;

33 select * from customers;

34

35 select * from products where category="electronics";

36

37 select * from customers where city="ahmedabad";

Result Grid

Filter Rows:

customers_name mobile city

7 monak 1223344556 ahmedabad

9 het 234567891 ahmedabad

customers 4

Output

Action Output

Time Action Message Duration / Fetch

12 00:41:40 select * from products where category="electronics" LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

13 00:43:31 select * from customers where city="ahmedabad" LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

Query Completed

JPY/INR -2.03%

Search

ENG IN

00:43 20-12-2025

8 . Show products whose price is greater than 5000

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

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Filter objects

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Administration Schemas

Information

No object selected

Assessment

Assignment 1.2 and 3 question

SQL File 4*

4 to 9

SQL File 6*

SQL File 6

sql2

SQL File 9*

Limit to 1000 rows

31

32 select * from products;

33 select * from customers;

34

35 select * from products where category="electronics";

36

37 select * from customers where city="ahmedabad";

38

39 select * from products where price > 5000;

Result Grid

Filter Rows:

product_id product_name category price stock_quantity

1 Ac electronics 40000 5

5 sofa furniture 20000 2

products 5

Output

Action Output

Time Action Message Duration / Fetch

13 00:43:31 select * from customers where city="ahmedabad" LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

14 00:44:55 select * from products where price > 5000 LIMIT 0, 1000 2 row(s) returned 0.016 sec / 0.000 sec

Query Completed

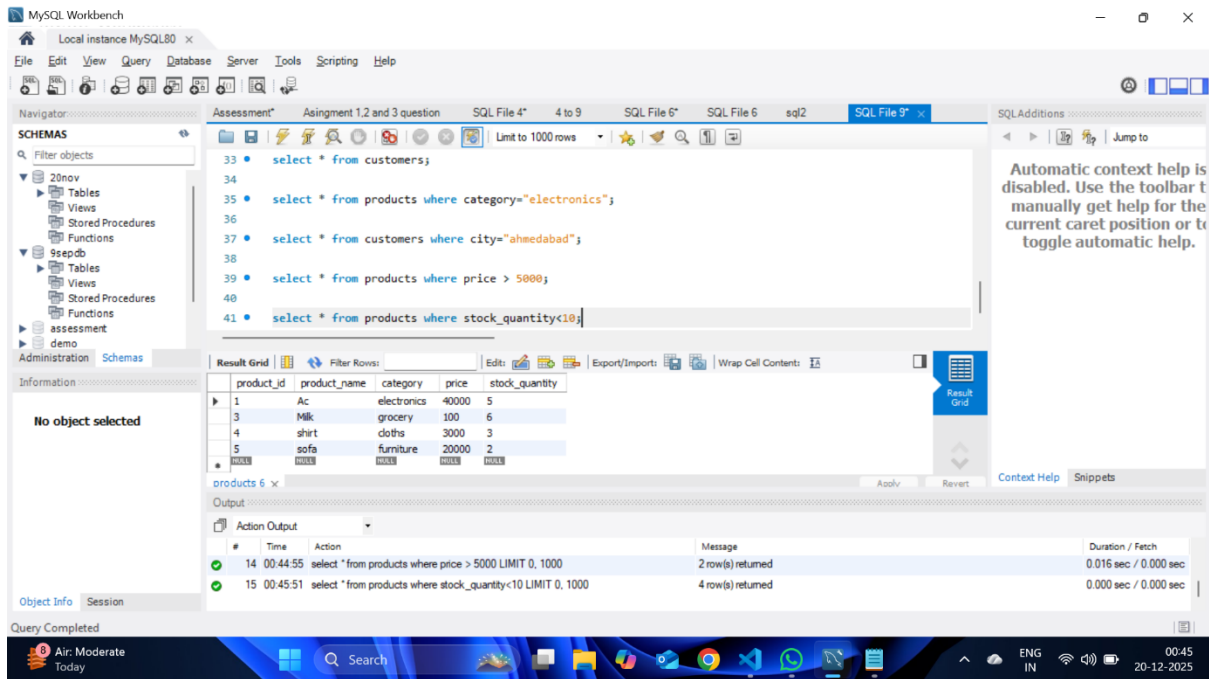
Watchlist Ideas

Search

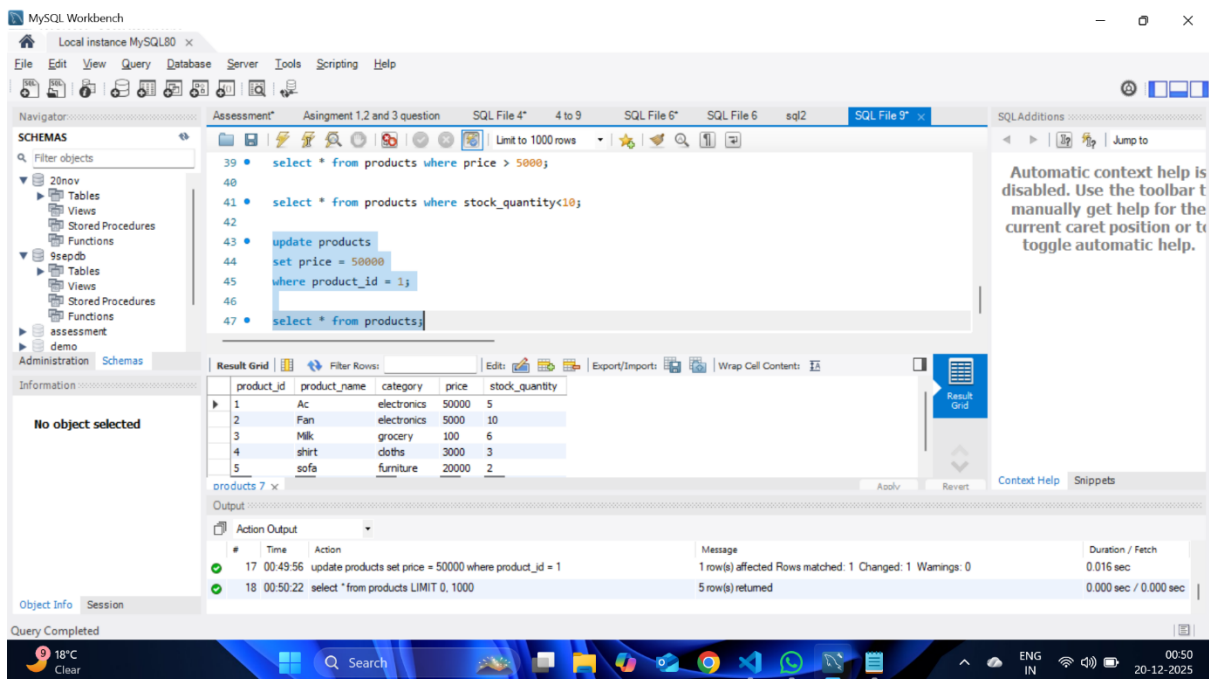
ENG IN

00:45 20-12-2025

9 . Show products whose stock is less than 10



10. Change price of any one product



11 . Change stock of any product

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

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Filter objects

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Administration Schemas

Information

No object selected

Assessment

Assignment 1.2 and 3 question

SQL File 4*

4 to 9

SQL File 6*

SQL File 6

sql2

SQL File 9*

Limit to 1000 rows

45

46

47 •

48

49 •

50

51

52

53 •

where product_id = 1;

select * from products;

update products

set stock_quantity=20

where product_id = 2;

select * from products;

Result Grid

Filter Rows:

product_id product_name category price stock_quantity

1 Ac electronics 50000 5

2 Fan electronics 5000 20

3 Milk grocery 100 6

4 shirt cloths 3000 3

5 sofa furniture 20000 2

products 8

Apply Revert

Context Help Snippets

Output

Action Output

Time Action Message Duration / Fetch

19 00:51:49 update products set stock_quantity=20 where product_id = 2 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 0.016 sec

20 00:52:04 select * from products LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec

Object Info Session

Query Completed

18°C Clear

Search

ENG IN

00:52

20-12-2025

12. Update customer city

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

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20epdb

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Administration Schemas

Information

No object selected

Assessment

Assignment 1.2 and 3 question

SQL File 4*

4 to 9

SQL File 6*

SQL File 6

sql2

SQL File 9*

Limit to 1000 rows

51

52

53 •

54

55 •

56

57

58

59 •

where product_id = 2;

select * from products;

update customers

set city = "rajkot"

where customers_id= 6;

select * from customers;

Result Grid

Filter Rows:

customers_id customers_name mobile city

6 utsav 832011005 rajkot

7 monak 1223344556 ahmedabad

8 darpan 123456789 junagadh

9 het 234567891 ahmedabad

10 deep 987654321 goa

customers 10

Apply Revert

Context Help Snippets

Output

Action Output

Time Action Message Duration / Fetch

24 00:58:31 update customers set city = "rajkot" where customers_id= 6 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 0.000 sec

25 00:58:34 select * from customers LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec

Object Info Session

Query Completed

5 CAD/INR -0.83%

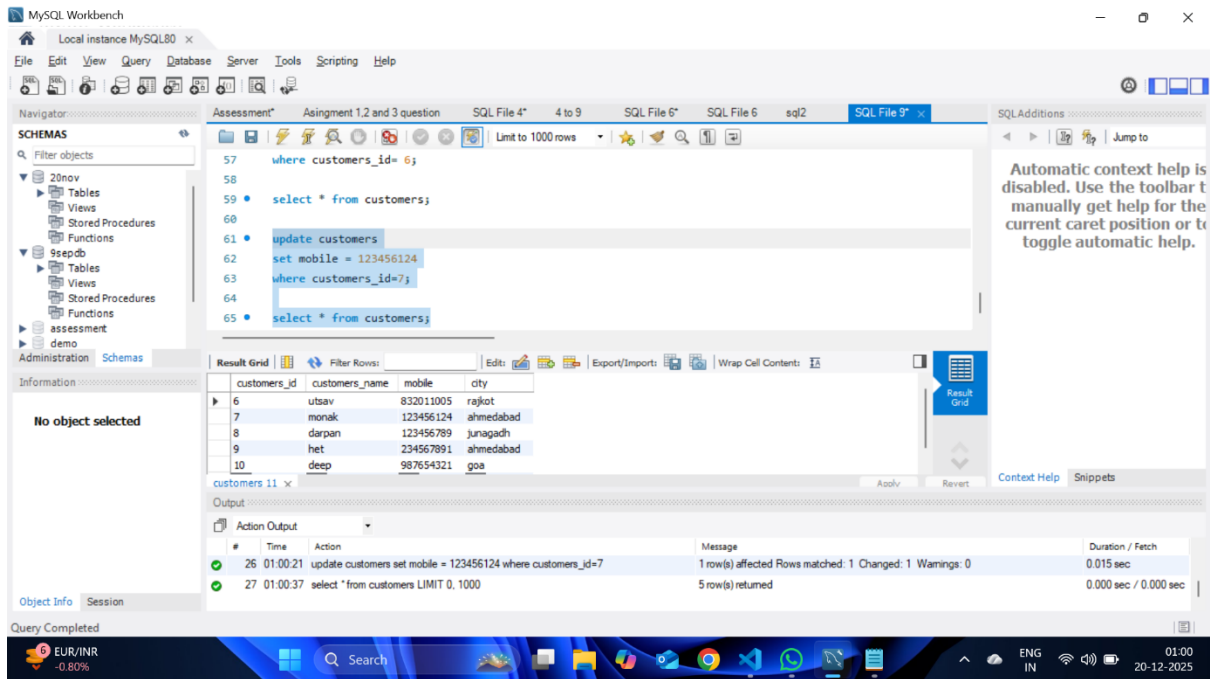
Search

ENG IN

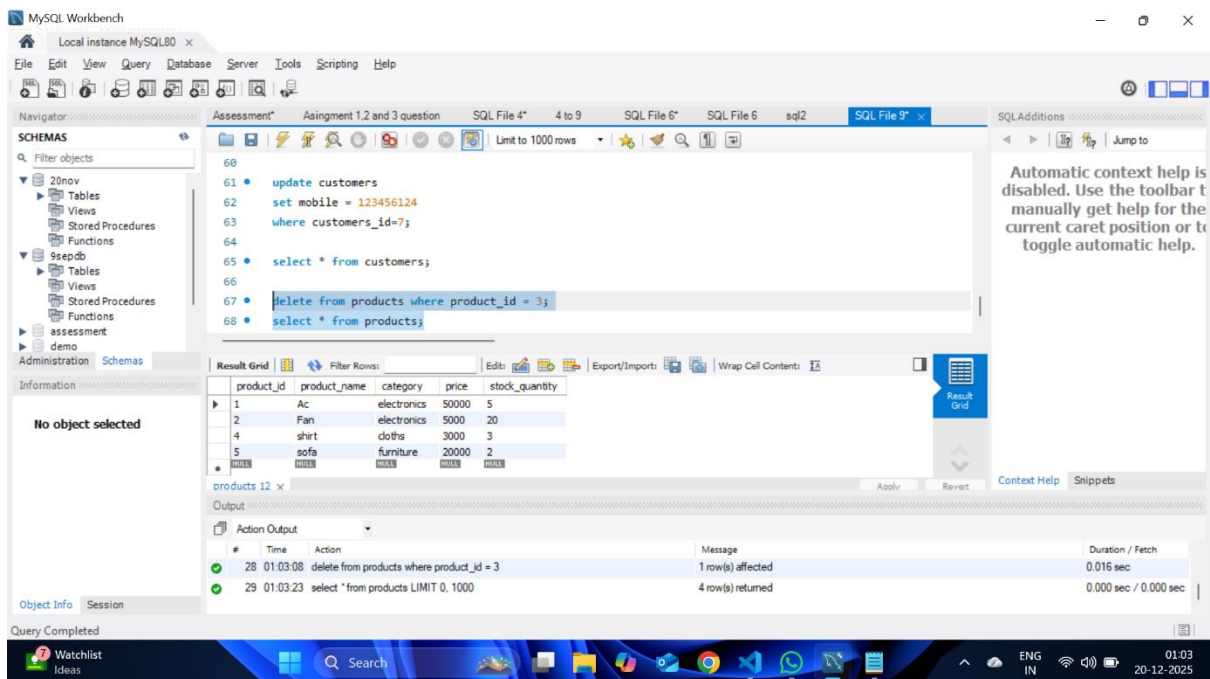
00:58

20-12-2025

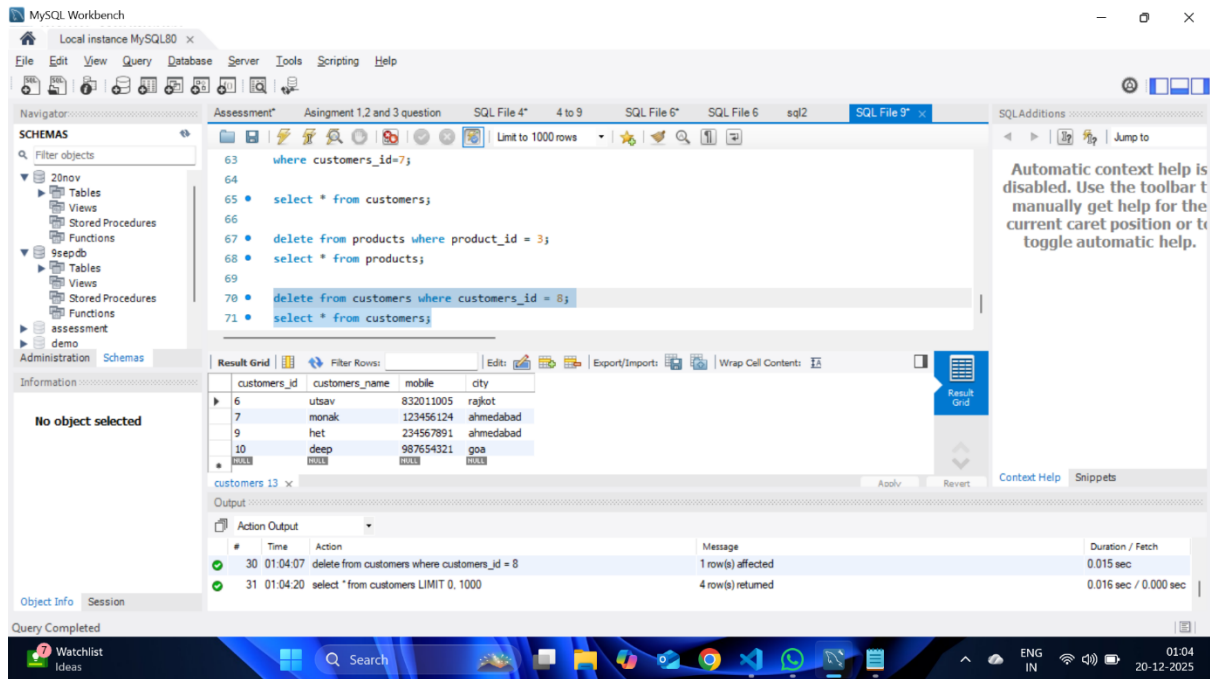
13. Update customer mobile number



14. Delete One product



15. Delete One customer



16. Delete all products from a specific category (example: Grocery)

