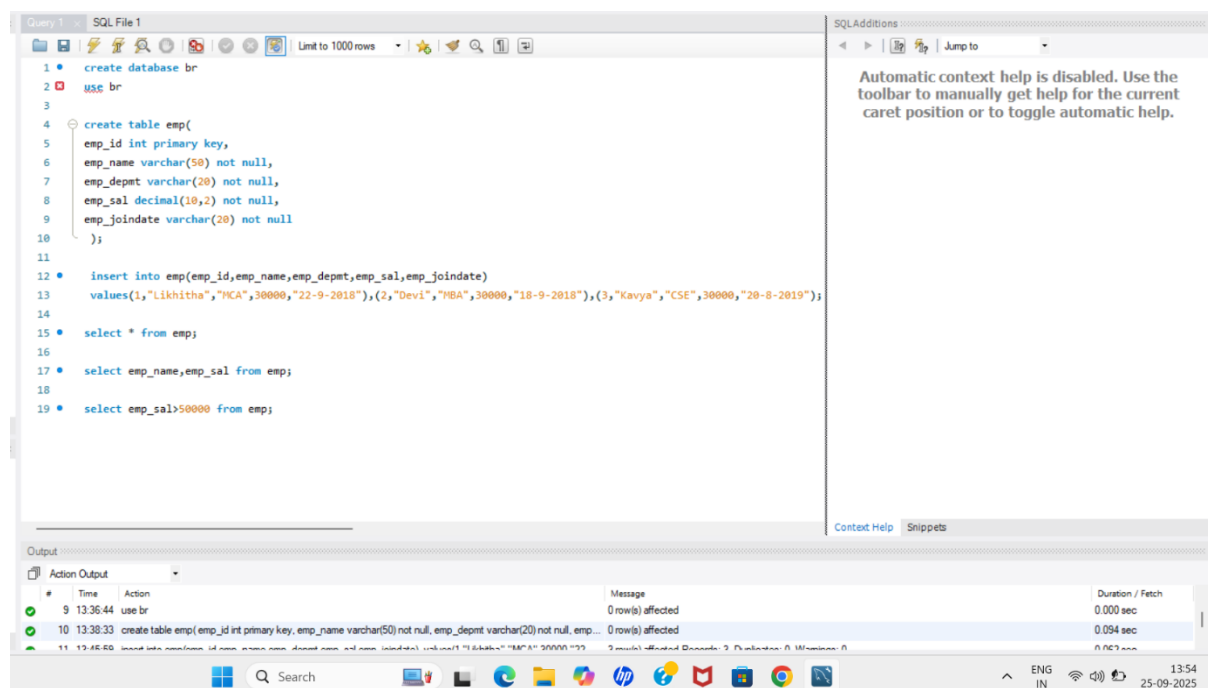


SQL Day2

1.HR Table (5 Columns)

Steps to Do:

1. Create a table with 5 columns → EmpID, EmpName, Department, Salary, JoiningDate.
2. Insert at least 3 records (employees with different departments).
3. Select all records using SELECT * FROM HR;.
4. Select specific columns (only EmpName, Salary).
5. Filter records (e.g., employees with Salary > 50000).



The screenshot shows a SQL Server Enterprise Manager interface. The main window displays a query script for creating a table named 'emp' with 5 columns: emp_id (int, primary key), emp_name (varchar(50), not null), emp_dept (varchar(20), not null), emp_sal (decimal(10,2), not null), and emp_joindate (varchar(20), not null). The script includes an insert statement with 3 records and two select statements. The output pane at the bottom shows the execution results of the queries.

```
1 create database br
2 use br
3
4 create table emp(
5     emp_id int primary key,
6     emp_name varchar(50) not null,
7     emp_dept varchar(20) not null,
8     emp_sal decimal(10,2) not null,
9     emp_joindate varchar(20) not null
10 );
11
12 insert into emp(emp_id,emp_name,emp_dept,emp_sal,emp_joindate)
13 values(1,"Likhitha","MCA",30000,"22-9-2018"),(2,"Devi","MBA",30000,"18-9-2018"),(3,"Kavya","CSE",30000,"20-8-2019");
14
15 select * from emp;
16
17 select emp_name,emp_sal from emp;
18
19 select emp_sal>50000 from emp;
```

Output:

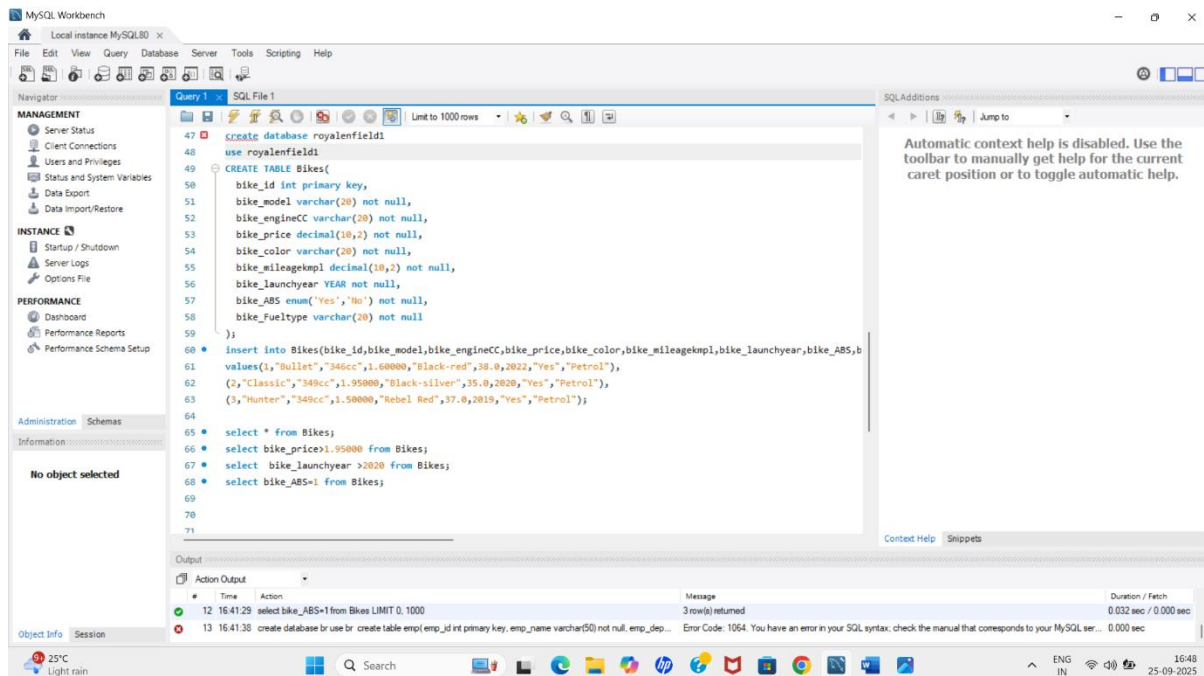
#	Time	Action	Message	Duration / Fetch
9	13:36:44	use br	0 row(s) affected	0.000 sec
10	13:38:33	create table emp(emp_id int primary key, emp_name varchar(50) not null, emp_dept varchar(20) not null, emp_sal decimal(10,2) not null, emp_joindate varchar(20) not null)	0 row(s) affected	0.094 sec
11	13:45:50	insert into emp(emp_id,emp_name,emp_dept,emp_sal,emp_joindate) values(1,"Likhitha","MCA",30000,"22-9-2018"),(2,"Devi","MBA",30000,"18-9-2018"),(3,"Kavya","CSE",30000,"20-8-2019");	3 row(s) affected Duration: 0.000 sec	0.000 sec

2.DairyMilk Table (7 Columns)

Steps to Do:

1. Create table with 7 columns → ProductID, ProductName, Weight_grams, Price, Flavour, MfgDate, ExpDate.
2. Insert at least 3 products (different flavors & weights).
3. Select all records using SELECT * FROM DairyMilk;.

4. Select specific columns (only ProductName, Price, Flavour).
5. Filter products where Price > 100.
6. Filter products where Flavour = 'Oreo'.



3.RoyalEnfield Table (9 Columns)

Steps to Do:

1. Create table with 9 columns → BikeID, ModelName, EngineCC, Price, Color, Mileage_KMPL, LaunchYear, ABS, FuelType.
2. Insert at least 3 bike models with different specs.
3. Select all records using SELECT * FROM RoyalEnfield;
4. Select specific columns (only ModelName, Price, Mileage_KMPL).
5. Filter bikes where Price > 1,90,000.
6. Filter bikes launched after 2020.
7. Filter bikes with ABS = 1.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

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Administration Schemas

Information

No object selected

Query 1 SQL File 1

```
47 CREATE DATABASE royalenfield1
48 USE royalenfield1
49
50 CREATE TABLE Bikes(
51     bike_id int primary key,
52     bike_model varchar(20) not null,
53     bike_engineCC varchar(20) not null,
54     bike_price decimal(10,2) not null,
55     bike_color varchar(20) not null,
56     bike_mileagekmpl decimal(10,2) not null,
57     bike_launchyear YEAR not null,
58     bike_ABS enum('Yes','No') not null,
59     bike_Fueltype varchar(20) not null
60 );
61
62 INSERT INTO Bikes(bike_id,bike_model,bike_engineCC,bike_price,bike_color,bike_mileagekmpl,bike_launchyear,bike_ABS,b
63 values(1,"Bullet","346cc",1.60000,"Black-red",38.0,2022,"Yes","Petrol"),
64 (2,"Classic","349cc",1.95000,"Black-silver",35.0,2020,"Yes","Petrol"),
65 (3,"Hunter","349cc",1.50000,"Rebel Red",37.0,2019,"Yes","Petrol");
66
67 select * from Bikes;
68 select bike_price>1.95000 from Bikes;
69 select bike_launchyear >2020 from Bikes;
70 select bike_ABS=1 from Bikes;
71
```

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output	Time	Action	Message	Duration / Fetch
12 16:41:29 select bike_ABS=1 from Bikes LIMIT 0. 1000	12 16:41:29	select bike_ABS=1 from Bikes LIMIT 0. 1000	3 row(s) returned	0.032 sec / 0.000 sec
13 16:41:38 create database br use br create table emp(emp_id int primary key, emp_name varchar(50) not null, emp_dep...	13 16:41:38	create database br use br create table emp(emp_id int primary key, emp_name varchar(50) not null, emp_dep...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL ser...	0.000 sec

Object Info Session

25°C Light rain

Search

ENG IN 16:42 25-09-2025