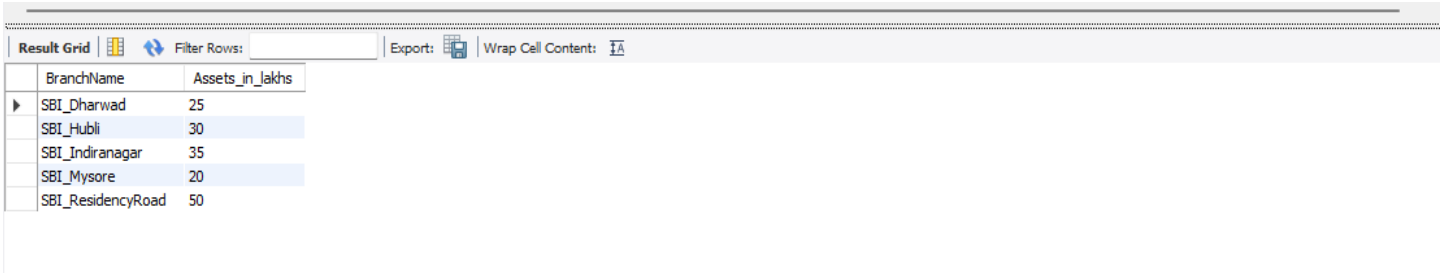
DBMS lab 3 BANK DATABASE 17/10/2025

Q1. Display the branch name and assets from all branches in lakhs of rupees and rename the assets column to 'assets in lakhs'.

```
select BranchName, (Assets/100000) as Assets_in_lakhs
from Branch;
```

output:

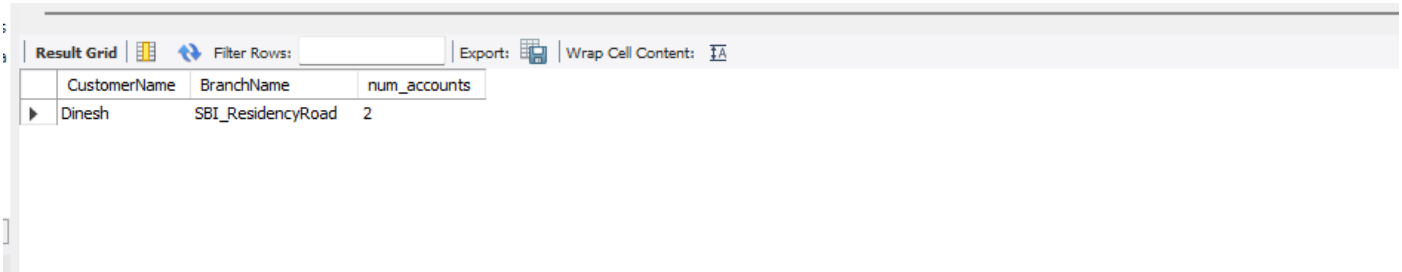


BranchName	Assets_in_lakhs
SBI_Dharwad	25
SBI_Hubli	30
SBI_Indiranagar	35
SBI_Mysore	20
SBI_ResidencyRoad	50

Q2.Find all the customers who have at least two accounts at the same branch (ex. SBI_ResidencyRoad).

```
SELECT D.CustomerName, B.BranchName, COUNT(*) AS num_accounts
FROM Depositer D
JOIN BankAccount B
ON D.AccNo = B.AccNo
WHERE B.BranchName = 'SBI_ResidencyRoad'
GROUP BY D.CustomerName,B.BranchName
HAVING COUNT(*) >= 2;
```

Output:



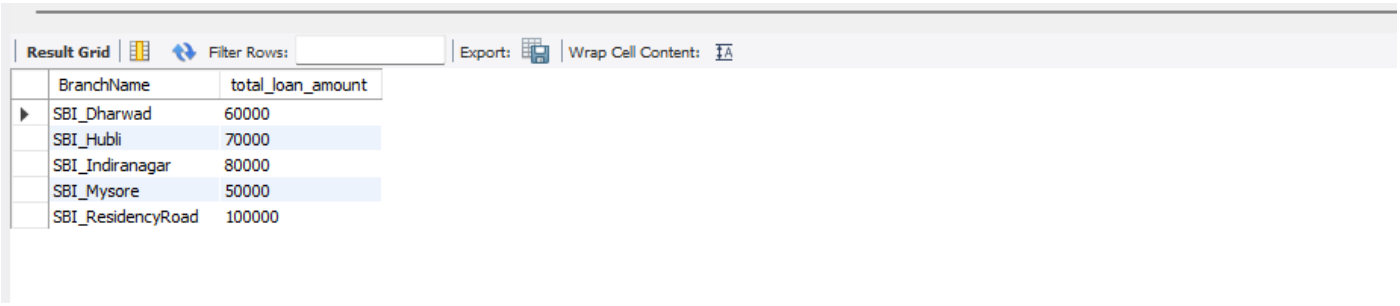
CustomerName	BranchName	num_accounts
Dinesh	SBI_ResidencyRoad	2

Q3.view creation and display

```
CREATE VIEW BranchLoanSummary AS
SELECT BranchName, SUM(Amount) AS total_loan_amount
FROM Loan
GROUP BY BranchName;
```

select * from BranchLoanSummary;

output:



BranchName	total_loan_amount
SBI_Dharwad	60000
SBI_Hubli	70000
SBI_Indiranagar	80000
SBI_Mysore	50000
SBI_ResidencyRoad	100000