**Log File [Assignment 2]**

mysql> USE Bank;

Database changed

mysql> DROP TABLE IF EXISTS Depositor;

Query OK, 0 rows affected

mysql> CREATE TABLE Branch(branch\_name VARCHAR(50) PRIMARY KEY, branch\_city VARCHAR(50) NOT NULL, assets DECIMAL(15,2) CHECK(assets>=0));

mysql> INSERT INTO Branch VALUES('FC-Road-Pune','Pune',75000000.00),('Koregaon-Park','Pune',120000000.00),('Andheri-West','Mumbai',250000000.00),('Civil-Lines-Nagpur','Nagpur',60000000.00);

Query OK, 4 rows affected

mysql> SELECT c.cname FROM Customer c JOIN Borrower b ON c.c\_id=b.c\_id JOIN Loan l ON b.loan\_no=l.loan\_no JOIN Branch br ON l.branch\_name=br.branch\_name WHERE br.branch\_city='Mumbai';

+--------------+

| cname |

+--------------+

| Vikram Singh |

| Ashish Singh |

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mysql> UPDATE Loan SET amount=amount+100000 WHERE loan\_no IN(SELECT loan\_no FROM Borrower WHERE c\_id='C002');

Query OK, 1 row affected

mysql> DELETE FROM Depositor WHERE account\_no IN(SELECT account\_no FROM Account WHERE balance BETWEEN 30000 AND 80000);

Query OK, 4 rows affected

mysql> CREATE VIEW Pune\_Branch\_Customers AS SELECT c.c\_id,c.cname,c.city,a.account\_no,a.balance FROM Customer c JOIN Depositor d ON c.c\_id=d.c\_id JOIN Account a ON d.account\_no=a.account\_no WHERE a.branch\_name='Pune';

Query OK, 0 rows affected

mysql> CREATE INDEX idx\_customer\_name ON Customer(cname);

Query OK, 0 rows affected0 Warnings: 0

mysql> CREATE TABLE Customer (c\_id INT PRIMARY KEY AUTO\_INCREMENT, cname VARCHAR(50) NOT NULL, street VARCHAR(100), city VARCHAR(50) NOT NULL);

Query OK, 0 rows affected (0.09 sec)

mysql> CREATE INDEX idx\_customer\_name ON Customer (cname);

Query OK, 0 rows affected (0.08 sec)

Records: 0 Duplicates: 0 Warnings: 0