Main Code

```
package two;



import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.Scanner;


public class Commit implements Iface{



    public void viewData(){

        Connection conn = null;


        try {


    String dbURL1 = "jdbc:sqlserver://LAPTOP-
CLJ1FF37:1433;databaseName=Data1;encrypt=true;trustServerCertificate=true;";


    String user = "admin";

    String pass = "admin";

    conn = DriverManager.getConnection(dbURL1, user, pass);

    if (conn != null) {


      Statement sta = conn.createStatement();


       ResultSet rs = sta.executeQuery("select * from aaa");
```

```
            System.out.println("ID" + "\t" + "Names" + "\t\t" + "salary");

            while(rs.next()) {
                    int id = rs.getInt("id");
                    String name = rs.getString("Nam");
                    int amount = rs.getInt("salary");


                    System.out.println(id + "\t" + name + "\t" + amount);
            }
          }

        } catch (SQLException ex) {
           ex.printStackTrace();
        } finally {
           try {
              if (conn != null && !conn.isClosed()) {
                 conn.close();
              }
           } catch (SQLException ex) {
              ex.printStackTrace();
           }
        }


           }

           public void getinfo() {

int Receiverid, Senderid, Amount;

                    Scanner scan = new Scanner(System.in);
```

```
                System.out.println("Enter the Receiver");
                Receiverid = scan.nextInt();
                System.out.println("Enter the Sender");
                Senderid = scan.nextInt();
                System.out.println("Enter the Amount");
                Amount = scan.nextInt();

            updateData(Receiverid,Senderid,Amount);

        }

        public void updateData(int Receiverid, int  Senderid, int Amount) {

Connection conn = null;
Connection conn1 = null;

                int SenderAvailBal = 0;
                int ReciverAvailBal = 0;
                int Senid = 0;
                int Recid = 0;

            try {

                String dbURL1 = "jdbc:sqlserver://LAPTOP-
CLJ1FF37:1433;databaseName=Data1;encrypt=true;trustServerCertificate=true;";
                String dbURL2 = "jdbc:sqlserver://LAPTOP-
CLJ1FF37:1433;databaseName=Data2;encrypt=true;trustServerCertificate=true;";
                String user = "admin";
                String pass = "admin";
                conn = DriverManager.getConnection(dbURL1, user, pass);
                conn1 = DriverManager.getConnection(dbURL2, user, pass);
                if (conn != null) {
```

```
Statement sta = conn.createStatement();
Statement sta1 = conn1.createStatement();

conn.setAutoCommit(false);

 ResultSet rs1 = sta.executeQuery("select id,salary from aaa where ID="+Receiverid);

 while(rs1.next()) {
        Recid = rs1.getInt("ID");
        ReciverAvailBal = rs1.getInt("salary");

 }

ResultSet rs2 = sta.executeQuery("select id,salary from aaa where id="+Senderid);

 while(rs2.next()) {
        Senid = rs2.getInt("ID");
        SenderAvailBal = rs2.getInt("salary");

 }

 if(Amount <= SenderAvailBal) {

        int diffamount = SenderAvailBal - Amount;
        int addedamount = ReciverAvailBal + Amount;
```

```
                    sta.executeUpdate("update aaa set salary=" + diffamount + "where Id=" +
Senid);

                    sta.executeUpdate("update aaa set salary=" + addedamount + "where Id="
+ Recid);

                    sta1.executeUpdate("update aaa set salary=" + diffamount + "where Id=" +
Senid);

                    sta1.executeUpdate("update aaa set salary=" + addedamount + "where Id="
+ Recid);

                    conn.commit();

                    viewData();

                }else {

                    System.out.println("Insufficient Balance of Senderid " + Senid + " salary = " +
SenderAvailBal);
                    conn.rollback();
                   // viewDetails();
                }



               }

            } catch (SQLException ex) {
               ex.printStackTrace();
            } finally {
```

```
            try {
                if (conn != null && !conn.isClosed()) {
                    conn.close();
                }
            } catch (SQLException ex) {
                ex.printStackTrace();
            }
        }

    }

    public static void main(String[] args) {

        Commit at = new Commit();
         at.viewData();

         at.getinfo();

       }


}
```

Output

```
ID      Names           salary
1       ash     4000
2       scar    1000
Enter the Receiver
1
Enter the Sender
2
Enter the Amount
200
ID      Names           salary
1       ash     4200
2       scar    800
```