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import java.sql.*;

public class CustomerFindDB
{
    private static Connection connection;
    private static Statement scrollStatement;
    private static ResultSet customerDBTable;
    private static PreparedStatement sqlFind;

    public static void connect() throws ClassNotFoundException, SQLException
    {
        Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
        String url = "jdbc:odbc:DentonMunicipal";
        String user = "Admin";
        String password = "";
        connection = DriverManager.getConnection(url,user, password);
    }

    public static void open() throws SQLException
    {
        scrollStatement =
connection.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE,
        ResultSet.CONCUR_UPDATABLE);
        sqlFind = connection.prepareStatement(
            "SELECT CustomerNumber, LastName, FirstName, MiddleName, " +
            "CustomerType, ServiceType, LastReadingMo, LastReadingDay,
LastReadingYear, " +
            "LastReading, CurrentReadingMo, CurrentReadingDay, CurrentReadingYear, "
+
            "CurrentReading, OutstandingBalance, CurrentBalance " +
            "FROM Customer WHERE CustomerNumber = ?");
    }

    public static void close()
    {
        try
        {
            customerDBTable.close();
            scrollStatement.close();
        }
        catch(SQLException sqle)
        {
            System.err.println(sqle.getMessage());
        }
    }

    public static Customer selectRecord(int custNumber) throws SQLException
    {
        try
        {
            sqlFind.setInt(1, custNumber);
            ResultSet customerDBTable = sqlFind.executeQuery();
            customerDBTable.next();
            if(customerDBTable.getRow() != 0)
            {
                Customer selectCustomer = new Customer(
                    customerDBTable.getInt("CustomerNumber"),
                    customerDBTable.getString("LastName"),

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customerDBTable.getString("FirstName"),
customerDBTable.getString("MiddleName"),
customerDBTable.getString("CustomerType"),
customerDBTable.getInt("ServiceType"),
customerDBTable.getInt("LastReadingMo"),
customerDBTable.getInt("LastReadingDay"),
customerDBTable.getInt("LastReadingYear"),
customerDBTable.getInt("LastReading"),
customerDBTable.getInt("CurrentReadingMo"),
customerDBTable.getInt("CurrentReadingDay"),
customerDBTable.getInt("CurrentReadingYear"),
customerDBTable.getInt("CurrentReading"),
customerDBTable.getDouble("OutstandingBalance"),
customerDBTable.getDouble("CurrentBalance"));
return selectCustomer;
}
else
{
return null;
}
}
catch(SQLException err)
{
System.out.println("Select Error: " + err);
return null;
}
}
}
```