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import java.sql.*;
public class OTest {
    // These are for the Database you are connecting to
    private static final String USERID = "USERID"; // also set PASSWORD
    private static final String DB_SERVER = "jdbc:oracle:thin:@oracle.wpi.edu:1521:orcl"
public static void main(String[] args) {
    try { Class.forName("oracle.jdbc.driver.OracleDriver");
    } catch (ClassNotFoundException e) { // Driver not installed...
        e.printStackTrace(); return; }
    Connection conn = null;
    try { conn = DriverManager.getConnection(DB_SERVER, USERID, PASSWORD);
    } catch (SQLException e) { // Connection Failed...
        return; }
    try {
        Statement stmt = conn.createStatement(); // Basic way (How we did in class)
        String str = "SELECT * FROM TableName";
        ResultSet rset = stmt.executeQuery(str);
        // Process the results
        int custID = 0; String custName = ""; String city = ""; int age = 0;
        while (rset.next()) { // For each row that was returned...
            custID = rset.getInt("id"); // also getString, getDate, ...
        }
        rset.close(); stmt.close(); // Close unneeded resources in this order

        Scanner reader = new Scanner(System.in); // Get User Input
        System.out.println("Enter parameter: ");
        String parameter = reader.nextLine();
        reader.close();
        // Using Prepared Statements (More secure)
        String selectTemplate = "SELECT colName FROM tName WHERE col = ?";
        PreparedStatement pstmt = conn.prepareStatement(selectTemplate);
        pstmt.setString(1, parameter); // Also setInt, setDate, ....
        ResultSet rset = pstmt.executeQuery(); // process rset, then close resources

        int numRowsAffected = stmt.executeUpdate(); // Inserting needs different exec

        conn.close(); // Close the connection
    } catch (SQLException e) { // Something was wrong with the SQL
        return;
    }
}
}

```