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package com.sxt.jdbc;

import java.sql.Connection;
import java.sql.Date;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Timestamp;
import java.util.Random;
/**
 * 测试时间处理(java.sql.Date,Time,Timestamp)
 * @author DELL
 *
 */
public class Demo07 {
    public static void main(String[] args) {
        PreparedStatement ps1=null;fdsfgs
        PreparedStatement ps2=null;
        Connection conn=null;
        ResultSet rs=null;
        try {
            //1.加载驱动类
            Class.forName("com.mysql.jdbc.Driver");
            //2.创建数据库连接对象

            conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/learn","root","jiang");

            //3.设置手动提交
            conn.setAutoCommit(false); //JDBC中默认是自动提交
            for(int i=0;i<1000;i++) {
                //4.sql语句
                String sql="insert into test values(default,?,4358,?,?)";
                ps1=conn.prepareStatement(sql);
                ps1.setString(1, "胡二晨"+i);

                int rand=100000000+new Random().nextInt(1000000000);

                Date date=new Date(System.currentTimeMillis()-rand); //没有空构造器，要插入一个数字
                Timestamp stamp=new Timestamp(System.currentTimeMillis()-rand); //如果需要插入指定日期，可以使用Calendar，DateFormat

                ps1.setDate(2, date);
                ps1.setTimestamp(3, stamp);

                ps1.execute();
            }
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}

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}  
conn.commit();
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conn.commit();  
} catch (ClassNotFoundException | SQLException e) {  
    try {  
        conn.rollback(); //回滚  
    } catch (SQLException e1) {  
        e1.printStackTrace();  
    }  
    // TODO Auto-generated catch block  
    e.printStackTrace();  
}finally {  
    try {  
        if(ps2!=null) {  
            ps2.close();  
        }  
        if(ps1!=null) {  
            ps1.close();  
        }  
        if(conn!=null) {  
            conn.close();  
        }  
    } catch (SQLException e) {  
        // TODO Auto-generated catch block  
        e.printStackTrace();  
    }  
}  
}  
}
```