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package com.sxt.ORM;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.HashMap;
import java.util.Map;
import java.util.Set;

/**
 * 测试使用Map<String,Object>来封装一条记录
 * 使用List<Map>存储多条记录
 */

public class Demo02 {
    public static void main(String[] args) {
        //获取连接对象
        Connection conn=JDBCUtil.getMysqlConn();
        PreparedStatement ps=null;
        ResultSet rs=null;
        Map<String,Map<String, Object> > maps=new HashMap<>();

        try {
            ps = conn.prepareStatement("select empname,salary,age from emp ");
            rs = ps.executeQuery();

            while(rs.next()){
                //          System.out.println(rs.getString(1)+"--"+rs.getString(2)+"--"+rs.getInt(3));
                Map<String,Object> row=new HashMap<>();
                row.put("empname",rs.getObject(1));
                row.put("salary",rs.getObject(2));
                row.put("age",rs.getObject(3));
                maps.put(row.get("empname").toString(),row);
            }
            Set<String> sets=maps.keySet();
            for(String keys:sets){
                Set<String> set=maps.get(keys).keySet();
                for(String key:set){
                    System.out.println(key+"-->" +maps.get(keys).get(key));
                }
            }
        } catch (SQLException e) {

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        e.printStackTrace();
    }finally {
        JDBCUtil.close(rs, ps, conn);
    }
}
```