package model;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.Vector;

public class MemberDAO {

String id = "sys as sysdba";

String pass = "1234";

String url = "jdbc:oracle:thin:@172.16.7.67:1521/xepdb1";

Connection con;// 데이터베이스에 접근할 수 있도록

PreparedStatement pstmt;// 쿼리실행(조작)시키는 객체

ResultSet rs;// 결과리턴받아 자바에 저장하는 객체

public void getCon() {//db접속

try{

Class.forName("oracle.jdbc.driver.OracleDriver");

con = DriverManager.getConnection(url,id,pass);

}catch(Exception e) {}

}

public void insertMember(MemberBean mbean) { //mbean은 MemberBean의 객체이기때문에

//삽입

try {

getCon();

String sql="insert into Mem values(?,?,?,?,?,?,?,?)";

PreparedStatement pstmt = con.prepareStatement(sql);

pstmt.setString(1,mbean.getId());

pstmt.setString(2,mbean.getPwd1());

pstmt.setString(3,mbean.getEmail());

pstmt.setString(4,mbean.getTel());

pstmt.setString(5,mbean.getHobby());

pstmt.setString(6,mbean.getJob());

pstmt.setString(7,mbean.getAge());

pstmt.setString(8,mbean.getInfo());

pstmt.executeUpdate();//엔터역할

//insert,update,delete 사용시쓰는 메소드

con.close();

}catch(Exception e){

e.printStackTrace();

}

}

public Vector<MemberBean> allMember() { //입력한 데이터 모두 조회

Vector<MemberBean> v = new Vector<>();

try {

getCon();//db연결

String sql="select \* from mem";

pstmt=con.prepareStatement(sql);

rs = pstmt.executeQuery();

while(rs.next()) {

MemberBean bean=new MemberBean();

//컬럼으로 나눠진 데이터들을 빈클래스에 저장한다.

bean.setId(rs.getString(1));

bean.setPwd1(rs.getString(2));

bean.setEmail(rs.getString(3));

bean.setTel(rs.getString(4));

bean.setHobby(rs.getString(5));

bean.setJob(rs.getString(6));

bean.setAge(rs.getString(7));

bean.setInfo(rs.getString(8));

//membearbean클래스가 패키징 됨

v.add(bean);//vector객체에 다 저장!

}

}catch(Exception E) {}

return v;

}

public MemberBean oneMember(String id) {

//한 회원의정보

MemberBean bean = new MemberBean();

try {

getCon(); //db연결

String sql="select \* from mem where id = ?"; //

pstmt=con.prepareStatement(sql);

pstmt.setString(1, id); // ? 값에 맵핑시킨다

rs = pstmt.executeQuery();

if(rs.next()) {//데이터가 있다면

bean.setId(rs.getString(1));

bean.setPwd1(rs.getString(2));

bean.setEmail(rs.getString(3));

bean.setTel(rs.getString(4));

bean.setHobby(rs.getString(5));

bean.setJob(rs.getString(6));

bean.setAge(rs.getString(7));

bean.setInfo(rs.getString(8));

}

con.close();

}catch(Exception e) {}

return bean;

}

//회원의 패스워드 값을 리턴받는 메소드

public String getPass(String id) {

String pass="";

try {

getCon();

String sql="select pwd1 from mem where id=?";

//?에 값 매핑

pstmt=con.prepareStatement(sql);

pstmt.setString(1,id);

rs=pstmt.executeQuery();

if(rs.next()) {

pass=rs.getString(1);

}con.close();

}catch(Exception e) {

e.printStackTrace();

}

return pass;

}

public void update(MemberBean bean) {

getCon();

try {

String sql="update mem set email=?,tel=? where id=?";

pstmt = con.prepareStatement(sql);

pstmt.setString(1,bean.getEmail());

pstmt.setString(2,bean.getTel());

pstmt.setString(3,bean.getId());

pstmt.executeUpdate();

}catch(Exception e) {

e.printStackTrace();

}

}

public void delete(String id) {

getCon();

try {

String sql = "delete from mem where id=?";

pstmt = con.prepareStatement(sql);

pstmt.setString(1,id);

pstmt.executeUpdate();

con.close();

}catch(Exception e) {

e.printStackTrace();

}

}

}