create table goodplace(

name varchar2(10) primary key,

starp varchar2(1),

city varchar2(10));

select \* from goodplace;

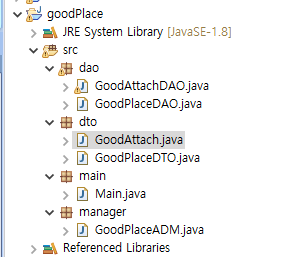
create table good\_attach(

name varchar2(10),

memo varchar2(20),

foreign key (name) references goodplace(name));

select \* from good\_attach;



**package** main;

**import** manager.GoodPlaceADM;

**public** **class** Main {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**new** GoodPlaceADM();

}

}

**package** manager;

**import** java.util.ArrayList;

**import** java.util.Scanner;

**import** dao.GoodAttachDAO;

**import** dao.GoodPlaceDAO;

**import** dto.GoodAttach;

**import** dto.GoodPlaceDTO;

**public** **class** GoodPlaceADM {

**private** Scanner in = **new** Scanner(System.***in***);

**private** GoodPlaceDAO gooddao = **new** GoodPlaceDAO();

**private** GoodAttachDAO goodattachdao= **new** GoodAttachDAO();

**public** GoodPlaceADM() {

System.***out***.println("맛집 공유 플랫폼");

**while** (**true**) {

System.***out***.println("1.등록 2.전체보기 3. 수정 4. 삭제 5. 검색 6. 별점순");

**int** selNum = in.nextInt();

in.nextLine();

**if** (selNum == 1) {

add();

} **else** **if** (selNum == 2) {

allList();

} **else** **if** (selNum == 3) {

mod();

} **else** **if** (selNum == 4) {

del();

} **else** **if** (selNum == 5) {

search();

} **else** **if**(selNum == 6){

starList();

}**else** {

System.***out***.println("프로그램종료");

**break**;

}

}

}

**private** **void** starList() {

ArrayList<GoodPlaceDTO> glist = gooddao.selectAll(**true**);

**for**(GoodPlaceDTO g : glist) {

System.***out***.println(g.getName()+"/"+g.getStarp());

}

}

**private** **void** allList() {

ArrayList<GoodPlaceDTO> glist = gooddao.selectAll(**false**);

**for**(GoodPlaceDTO g : glist) {

System.***out***.println(g.getName()+"/"+g.getStarp());

// g.getName()으로 댓글 가져와라..

ArrayList<GoodAttach> m = goodattachdao.selectAll(g.getName());

System.***out***.println("댓글 ------ ["+m.size()+" 개]");

**for**(GoodAttach gg : m) {

System.***out***.println(gg.getMemo());

}

}

System.***out***.println("댓글 작성할 제목을 입력하세요");

String name = in.nextLine();

System.***out***.println("댓글을 입력하세요");

String memo = in.nextLine();

GoodAttach g = **new** GoodAttach();

g.setMemo(memo);

g.setName(name);

goodattachdao.insert(g);

}

**private** **void** add() {

System.***out***.println("1. 맛집 이름 입력");

String name = in.nextLine();

System.***out***.println("2. 별점입력");

String starp = in.nextLine();

System.***out***.println("3. 장소입력");

String city = in.nextLine();

GoodPlaceDTO g = **new** GoodPlaceDTO();

g.setCity(city);

g.setName(name);

g.setStarp(starp);

//DB에 insert 메서드 호출 하자. !!!!

gooddao.insert(g);

}

**private** **void** search() {

System.***out***.println("검색어를 입력하세요");

String name = in.nextLine();

ArrayList<GoodPlaceDTO> glist = gooddao.search(name);

**for**(GoodPlaceDTO g : glist) {

System.***out***.println(g.getName()+"/"+g.getStarp());

}

}

**private** **void** del() {

allList();

System.***out***.println("삭제할 이름을 입력하세요");

String name = in.nextLine(); // 이름으로 삭제하니까

// DTO로 매개변수 값을 전단하지 않고 문자열 변수 한개로 전달.

gooddao.delete(name);

}

**private** **void** mod() {

allList();

System.***out***.println("별점을 수정할 이름을 입력하세요");

String name = in.nextLine();

System.***out***.println("별점을 입력하세요");

String starp = in.nextLine();

gooddao.update(name, starp);

}

}

**package** dao;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.util.ArrayList;

**import** dto.GoodAttach;

**import** dto.GoodPlaceDTO;

**public** **class** GoodAttachDAO {

**private** Connection conn=**null**;

**private** String url="jdbc:oracle:thin:@localhost:1521:orcl";

**public** GoodAttachDAO() {

String driver ="oracle.jdbc.driver.OracleDriver";

**try** {

Class.*forName*(driver);

System.***out***.println("로드 성공");

} **catch** (Exception e) {

System.***out***.println("로드 실패");

}

}

**public** Connection getConnection() {

**try** {

conn = DriverManager.*getConnection*(url,"system","11111111");

System.***out***.println("연결성공");

**return** conn;

} **catch** (Exception e) {

System.***out***.println("연결실패");

}

**return** **null**;

}

**public** **void** insert(GoodAttach g) {

**if**(getConnection() != **null**) {

**try** {

String sql ="insert into good\_attach values (?,?)";

PreparedStatement psmt=**null**;

psmt=conn.prepareCall(sql);

psmt.setString(1, g.getName());

psmt.setString(2, g.getMemo());

psmt.executeUpdate();

} **catch** (Exception e) {

// **TODO**: handle exception

}

}

}

**public** ArrayList<GoodAttach> selectAll(String name){

ArrayList<GoodAttach> m = **new** ArrayList<>();

**if**(getConnection() != **null**) {

**try** {

String sql = "select \* from good\_attach where name = ?";

PreparedStatement psmt = **null**;

psmt = conn.prepareStatement(sql);

psmt.setString(1, name);

ResultSet rs = **null**;

rs = psmt.executeQuery();

**while**(rs.next()) {

GoodAttach g = **new** GoodAttach();

g.setName(rs.getString("name"));

g.setMemo(rs.getString("memo"));

m.add(g);

}

} **catch** (Exception e) {

}

}

**return** m;

}

}

**package** dao;

**import** java.sql.Statement;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.util.ArrayList;

**import** dto.GoodPlaceDTO;

**public** **class** GoodPlaceDAO {

**private** Connection conn=**null**;

**private** String url="jdbc:oracle:thin:@localhost:1521:orcl";

**public** GoodPlaceDAO() {

String driver ="oracle.jdbc.driver.OracleDriver";

**try** {

Class.*forName*(driver);

System.***out***.println("로드 성공");

} **catch** (Exception e) {

System.***out***.println("로드 실패");

}

}

**public** Connection getConnection() {

**try** {

conn = DriverManager.*getConnection*(url,"system","11111111");

System.***out***.println("연결성공");

**return** conn;

} **catch** (Exception e) {

System.***out***.println("연결실패");

}

**return** **null**;

}

**public** **void** insert(GoodPlaceDTO gdto) {

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

//절차 > 컨넥션 자원 획득 > 쿼리 매핑 > 쿼리 전송

**if**(getConnection() != **null**) {

**try** {

PreparedStatement pstm = **null**;

pstm = conn.prepareStatement(sql);

pstm.setString(1, gdto.getName());

pstm.setString(2, gdto.getStarp());

pstm.setString(3, gdto.getCity());

pstm.executeUpdate();

} **catch** (Exception e) {

}

}

}

**public** **void** delete(String name) {

**if**(getConnection() != **null**) {

**try** {

String sql ="delete from goodplace where name = ?";

PreparedStatement psmt=**null**;

psmt = conn.prepareStatement(sql);

psmt.setString(1, name);

psmt.executeUpdate();

} **catch** (Exception e) {

// **TODO**: handle exception

}

}

}

**public** **void** update(String name, String starp) {

**if**(getConnection() != **null**) {

**try** {

String sql ="update goodplace set starp=? where name=?";

PreparedStatement psmt = **null**;

psmt = conn.prepareStatement(sql);

psmt.setString(1, starp);

psmt.setString(2, name);

psmt.executeUpdate();

} **catch** (Exception e) {

// **TODO**: handle exception

}

}

}

**public** ArrayList<GoodPlaceDTO> selectAll(**boolean** flag){

ArrayList<GoodPlaceDTO> m = **new** ArrayList<>();

**if**(getConnection() != **null**) {

**try** {

String sql = "select \* from goodplace";

**if**(flag) {

sql = sql + " order by starp desc";

}

Statement stmt = **null**;

stmt = conn.createStatement();

ResultSet rs = **null**;

rs = stmt.executeQuery(sql);

**while**(rs.next()) {

GoodPlaceDTO g = **new** GoodPlaceDTO();

g.setCity(rs.getString("city"));

g.setName(rs.getString("name"));

g.setStarp(rs.getString("starp"));

m.add(g);

}

} **catch** (Exception e) {

}

}

**return** m;

}

**public** ArrayList<GoodPlaceDTO> search(String name){

ArrayList<GoodPlaceDTO> m = **new** ArrayList<>();

**if**(getConnection() != **null**) {

**try** {

String sql ="select \* from goodplace where name like '%'||?||'%'";

// '%' 문자 ||파이프라인 (문자나 문자열을 연결하는 기호)

ResultSet rs = **null**;

PreparedStatement psmt = conn.prepareStatement(sql);

psmt.setString(1, name);

rs = psmt.executeQuery();

**while**(rs.next()) {

GoodPlaceDTO g = **new** GoodPlaceDTO();

g.setCity(rs.getString("city"));

g.setName(rs.getString("name"));

g.setStarp(rs.getString("starp"));

m.add(g);

}

} **catch** (Exception e) {

}

}

**return** m;

}

}

**package** dto;

**public** **class** GoodAttach {

**private** String name=**null**;

**private** String memo=**null**;

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getMemo() {

**return** memo;

}

**public** **void** setMemo(String memo) {

**this**.memo = memo;

}

}

**package** dto;

**public** **class** GoodPlaceDTO {

**private** String name=**null**;

**private** String starp=**null**;

**private** String city=**null**;

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getStarp() {

**return** starp;

}

**public** **void** setStarp(String starp) {

**this**.starp = starp;

}

**public** String getCity() {

**return** city;

}

**public** **void** setCity(String city) {

**this**.city = city;

}

}