**DB table**

**userinfo**

텍스트이(가) 표시된 사진

자동 생성된 설명

**Seat**

텍스트이(가) 표시된 사진

자동 생성된 설명

Seat table에는 초기에 값을 넣어줘야 된다.

텍스트이(가) 표시된 사진

자동 생성된 설명텍스트이(가) 표시된 사진

자동 생성된 설명

이렇게 56개 만들어준다.

**소스 코드**

initComponents 소스 코드는 삭제하였다

look and feel setting code(optional)코드도 삭제하였다

**Main Frame 초기 화면**

import javax.swing.JOptionPane;

/\*\*

\*

\* @author 이기원

\*/

public class MainFram extends javax.swing.JFrame {

DB\_MAN DBM = new DB\_MAN();

String strSQL = "Select \* From userInfo";

/\*\*

\* Creates new form MainFram

\*/

public MainFram() {

initComponents();

}

private void btnLoginActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

strSQL = "Select userPw From userinfo Where userId = ";

strSQL +="'"+ txtID.getText()+"'";

try{

DBM.dbOpen();

DBM.DB\_rs= DBM.DB\_stmt.executeQuery(strSQL);

while(DBM.DB\_rs.next()){

if((DBM.DB\_rs.getString("userPw").equals(txtPw.getText()))){

User user =new User();

user.setUserId(txtID.getText());

UserFrame frame = new UserFrame(user);

txtID.setText("ID");

txtPw.setText("Password");

}

}

DBM.DB\_rs.close();

DBM.dbClose();

}catch(Exception e){

System.out.println("SQLException : " + e.getMessage());

}

}

/\*\*/

private void btnJoinActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new JoinFrame().setVisible(true);

}

private void btnSearchActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new SearchFrame().setVisible(true);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new MainFram().setVisible(true);

}

});

}

**joinFrame 회원가입 화면**

import javax.swing.JOptionPane;

/\*\*

\*

\* @author 이기원

\*/

public class JoinFrame extends javax.swing.JFrame {

DB\_MAN DBM = new DB\_MAN();

String strSQL = "Select \* From userInfo";

/\*\*

\* Creates new form joinFrame

\*/

public JoinFrame() {

initComponents();

}

private int getNext(){ //번호 생성 함수

String SQL = "Select userNo From userinfo Order By userNo DESC";

try{

DBM.dbOpen();

DBM.DB\_rs= DBM.DB\_stmt.executeQuery(SQL);

if(DBM.DB\_rs.next()){

return DBM.DB\_rs.getInt("userNo")+1;

}

return 1;

}catch(Exception e){

System.out.println("SQLException : " + e.getMessage());

}

return -1;

}

private void btnJoinActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

strSQL = "Insert Into userinfo Values (";

strSQL += getNext();

strSQL += ",'"+txtJoinId.getText()+"',";

strSQL += "'"+txtJoinPw.getText()+"',";

strSQL += "'"+txtJoinName.getText()+"',";

strSQL += "0)";

try{

DBM.dbOpen();

DBM.DB\_stmt.executeUpdate(strSQL);

DBM.dbClose();

JOptionPane.showMessageDialog(null,"회원가입이 완료되었습니다.");

new JoinFrame().setVisible(false);

}catch(Exception e){

System.out.println("SQLException : " + e.getMessage());

}

}

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {

dispose();

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new JoinFrame().setVisible(true);

}

});

}

**searchFrame 아이디 비밀번호 찾기 화면**

public class SearchFrame extends javax.swing.JFrame {

DB\_MAN DBM = new DB\_MAN();

String strSQL = "Select \* From userInfo";

/\*\*

\* Creates new form SearchFrame

\*/

public SearchFrame() {

initComponents();

}

private void btnPwSearchActionPerformed(java.awt.event.ActionEvent evt) {

// 비밀번호 찾기

strSQL = "Select userPw From userinfo Where userName = '"+txtPwName.getText()+"' and userId = '"+txtId.getText()+"'";

try{

DBM.dbOpen();

DBM.DB\_rs = DBM.DB\_stmt.executeQuery(strSQL);

if(DBM.DB\_rs.next()){

lblPw.setText(DBM.DB\_rs.getString("userPw"));

}

DBM.dbClose();

}catch(Exception e){

System.out.println("SQLException : " + e.getMessage());

}

}

private void btnbackActionPerformed(java.awt.event.ActionEvent evt) {

dispose();

}

private void btnIdSearchActionPerformed(java.awt.event.ActionEvent evt) {

// 아이디 찾기 버튼

strSQL = "Select userId From userinfo Where userName = '"+txtIdName.getText()+"'";

try{

DBM.dbOpen();

DBM.DB\_rs = DBM.DB\_stmt.executeQuery(strSQL);

if(DBM.DB\_rs.next()){

lblId.setText(DBM.DB\_rs.getString("userId"));

}

DBM.dbClose();

}catch(Exception e){

System.out.println("SQLException : " + e.getMessage());

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new SearchFrame().setVisible(true);

}

});

}

**userFrame 로그인 성공 후 사용자 화면**

public class UserFrame extends javax.swing.JFrame {

/\*\*

\* Creates new form UserFrame

\*/

public UserFrame() {

initComponents();

}

User user =new User();

public UserFrame(User user) {

initComponents();

this.user=user;

lblId.setText(user.getUserId()+"님 안녕하세요");

setVisible(true);

}

private void btnReserveActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

SeatFrame frame = new SeatFrame(user);

}

private void btnCheckActionPerformed(java.awt.event.ActionEvent evt) {

CheckFrame frame = new CheckFrame(user);

}

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {

dispose();

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new UserFrame().setVisible(true);

}

});

}

**checkFrame 예약확인 화면**

import javax.swing.JOptionPane;

public class CheckFrame extends javax.swing.JFrame {

DB\_MAN DBM = new DB\_MAN();

/\*\*

\* Creates new form CheckFrame

\*/

public CheckFrame() {

initComponents();

}

User user =new User();

public CheckFrame(User user){

initComponents();

this.user=user;

lblId.setText(user.getUserId());

String id = user.getUserId();

reserved(id);

setVisible(true);

}

public void reserved(String id){

String SQL = "Select seatNum From seat Where id = '"+id+"'";

String list ="";

try{

DBM.dbOpen();

DBM.DB\_rs= DBM.DB\_stmt.executeQuery(SQL);

while(DBM.DB\_rs.next()){

list+=DBM.DB\_rs.getString("seatNum")+", ";

}

DBM.dbClose();

lblList.setText("예약하신 번호는 "+list.substring(0, list.length()-2)+"입니다.");

}catch(Exception e){

System.out.println("SQLException :"+e.getMessage());

}

}

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {

dispose();

}

private void btnCancelActionPerformed(java.awt.event.ActionEvent evt) {

String id = user.getUserId();

String SQL = "Update seat set seatCheck=false, id='' Where id = '"+id+"'";

try{

DBM.dbOpen();

DBM.DB\_stmt.executeUpdate(SQL);

//DBM.dbClose();

JOptionPane.showMessageDialog(null,"예약이 취소 되었습니다.");

}catch(Exception e){

System.out.println("SQLException :"+e.getMessage());

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new CheckFrame().setVisible(true);

}

});

}

**SeatFrame 좌석예약 화면**

import javax.swing.JOptionPane;

import java.util.ArrayList;

public class SeatFrame extends javax.swing.JFrame {

String btn=""; //선택된 버튼들

DB\_MAN DBM = new DB\_MAN();

public void seatCheck(){

String SQL="select seatNum from seat where seatCheck=true";// 자리가 예약된 것은 못클릭하게 한다

try{

DBM.dbOpen();

DBM.DB\_rs= DBM.DB\_stmt.executeQuery(SQL);

while(DBM.DB\_rs.next()){

String num = DBM.DB\_rs.getString("seatNum");

if(btn1.getText().equals(num)){

btn1.setText("X");

btn1.setEnabled(false);

}

if(btn2.getText().equals(num)){

btn2.setText("X");

btn2.setEnabled(false);

}

if(btn3.getText().equals(num)){

btn3.setText("X");

btn3.setEnabled(false);

}

if(btn4.getText().equals(num)){

btn4.setText("X");

btn4.setEnabled(false);

}

if(btn5.getText().equals(num)){

btn5.setText("X");

btn5.setEnabled(false);

}

if(btn6.getText().equals(num)){

btn6.setText("X");

btn6.setEnabled(false);

}

if(btn7.getText().equals(num)){

btn7.setText("X");

btn7.setEnabled(false);

}

if(btn8.getText().equals(num)){

btn8.setText("X");

btn8.setEnabled(false);

}

if(btn9.getText().equals(num)){

btn9.setText("X");

btn9.setEnabled(false);

}

if(btn10.getText().equals(num)){

btn10.setText("X");

btn10.setEnabled(false);

}

if(btn11.getText().equals(num)){

btn11.setText("X");

btn11.setEnabled(false);

}

if(btn12.getText().equals(num)){

btn12.setText("X");

btn12.setEnabled(false);

}

if(btn13.getText().equals(num)){

btn13.setText("X");

btn13.setEnabled(false);

}

if(btn14.getText().equals(num)){

btn14.setText("X");

btn14.setEnabled(false);

}

if(btn15.getText().equals(num)){

btn15.setText("X");

btn15.setEnabled(false);

}

if(btn16.getText().equals(num)){

btn16.setText("X");

btn16.setEnabled(false);

}

if(btn17.getText().equals(num)){

btn17.setText("X");

btn17.setEnabled(false);

}

if(btn18.getText().equals(num)){

btn18.setText("X");

btn18.setEnabled(false);

}

if(btn19.getText().equals(num)){

btn19.setText("X");

btn19.setEnabled(false);

}

if(btn20.getText().equals(num)){

btn20.setText("X");

btn20.setEnabled(false);

}

if(btn21.getText().equals(num)){

btn21.setText("X");

btn21.setEnabled(false);

}

if(btn22.getText().equals(num)){

btn22.setText("X");

btn22.setEnabled(false);

}

if(btn23.getText().equals(num)){

btn23.setText("X");

btn23.setEnabled(false);

}

if(btn24.getText().equals(num)){

btn24.setText("X");

btn24.setEnabled(false);

}

if(btn25.getText().equals(num)){

btn25.setText("X");

btn25.setEnabled(false);

}

if(btn26.getText().equals(num)){

btn26.setText("X");

btn26.setEnabled(false);

}

if(btn27.getText().equals(num)){

btn27.setText("X");

btn27.setEnabled(false);

}

if(btn28.getText().equals(num)){

btn28.setText("X");

btn28.setEnabled(false);

}

if(btn29.getText().equals(num)){

btn29.setText("X");

btn29.setEnabled(false);

}

if(btn30.getText().equals(num)){

btn30.setText("X");

btn30.setEnabled(false);

}

if(btn31.getText().equals(num)){

btn31.setText("X");

btn31.setEnabled(false);

}

if(btn32.getText().equals(num)){

btn32.setText("X");

btn32.setEnabled(false);

}

if(btn33.getText().equals(num)){

btn33.setText("X");

btn33.setEnabled(false);

}

if(btn34.getText().equals(num)){

btn34.setText("X");

btn34.setEnabled(false);

}

if(btn35.getText().equals(num)){

btn35.setText("X");

btn35.setEnabled(false);

}

if(btn36.getText().equals(num)){

btn36.setText("X");

btn36.setEnabled(false);

}

if(btn37.getText().equals(num)){

btn37.setText("X");

btn37.setEnabled(false);

}

if(btn38.getText().equals(num)){

btn38.setText("X");

btn38.setEnabled(false);

}

if(btn39.getText().equals(num)){

btn39.setText("X");

btn39.setEnabled(false);

}

if(btn40.getText().equals(num)){

btn40.setText("X");

btn40.setEnabled(false);

}

if(btn41.getText().equals(num)){

btn41.setText("X");

btn41.setEnabled(false);

}

if(btn42.getText().equals(num)){

btn42.setText("X");

btn42.setEnabled(false);

}

if(btn43.getText().equals(num)){

btn43.setText("X");

btn43.setEnabled(false);

}

if(btn44.getText().equals(num)){

btn44.setText("X");

btn44.setEnabled(false);

}

if(btn45.getText().equals(num)){

btn45.setText("X");

btn45.setEnabled(false);

}

if(btn46.getText().equals(num)){

btn46.setText("X");

btn46.setEnabled(false);

}

if(btn47.getText().equals(num)){

btn47.setText("X");

btn47.setEnabled(false);

}

if(btn48.getText().equals(num)){

btn48.setText("X");

btn48.setEnabled(false);

}

if(btn49.getText().equals(num)){

btn49.setText("X");

btn49.setEnabled(false);

}

if(btn50.getText().equals(num)){

btn50.setText("X");

btn50.setEnabled(false);

}

if(btn51.getText().equals(num)){

btn51.setText("X");

btn51.setEnabled(false);

}

if(btn52.getText().equals(num)){

btn52.setText("X");

btn52.setEnabled(false);

}

if(btn53.getText().equals(num)){

btn53.setText("X");

btn53.setEnabled(false);

}

if(btn54.getText().equals(num)){

btn54.setText("X");

btn54.setEnabled(false);

}

if(btn55.getText().equals(num)){

btn55.setText("X");

btn55.setEnabled(false);

}

if(btn56.getText().equals(num)){

btn56.setText("X");

btn56.setEnabled(false);

}

}

DBM.dbClose();

}catch(Exception e){

System.out.println("SQLException :"+e.getMessage());

}

}

/\*\*

\* Creates new form SeatFrame

\*/

public SeatFrame() {

initComponents();

setVisible(true);

//user.getUserId();

}

User user =new User();

public SeatFrame(User user) {

initComponents();

seatCheck();

this.user=user;

setVisible(true);

lblId.setText(user.getUserId()+"님 안녕하세요");

}

private void btn1ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="1,";

btn1.setEnabled(false);

}

private void btn2ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="2,";

btn2.setEnabled(false);

}

private void btn3ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="3,";

btn3.setEnabled(false);

}

private void btn4ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="4,";

btn4.setEnabled(false);

}

private void btn5ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="5,";

btn5.setEnabled(false);

}

private void btn6ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="6,";

btn6.setEnabled(false);

}

private void btn7ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="7,";

btn7.setEnabled(false);

}

private void btn8ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="8,";

btn8.setEnabled(false);

}

private void btn9ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="9,";

btn9.setEnabled(false);

}

private void btn10ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="10,";

btn10.setEnabled(false);

}

private void btn11ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="11,";

btn11.setEnabled(false);

}

private void btn12ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="12,";

btn12.setEnabled(false);

}

private void btn13ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="13,";

btn13.setEnabled(false);

}

private void btn14ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="14,";

btn14.setEnabled(false);

}

private void btn15ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="15,";

btn15.setEnabled(false);

}

private void btn16ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="16,";

btn16.setEnabled(false);

}

private void btn17ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="17,";

btn17.setEnabled(false);

}

private void btn18ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="18,";

btn18.setEnabled(false);

}

private void btn19ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="19,";

btn19.setEnabled(false);

}

private void btn20ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="20,";

btn20.setEnabled(false);

}

private void btn21ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="21,";

btn21.setEnabled(false);

}

private void btn22ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="22,";

btn22.setEnabled(false);

}

private void btn23ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="23,";

btn23.setEnabled(false);

}

private void btn24ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="24,";

btn24.setEnabled(false);

}

private void btn25ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="25,";

btn25.setEnabled(false);

}

private void btn26ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="26,";

btn26.setEnabled(false);

}

private void btn27ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="27,";

btn27.setEnabled(false);

}

private void btn28ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="28,";

btn28.setEnabled(false);

}

private void btn29ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="29,";

btn29.setEnabled(false);

}

private void btn30ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="30,";

btn30.setEnabled(false);

}

private void btn31ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="31,";

btn31.setEnabled(false);

}

private void btn32ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="32,";

btn32.setEnabled(false);

}

private void btn33ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="33,";

btn33.setEnabled(false);

}

private void btn34ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="34,";

btn34.setEnabled(false);

}

private void btn35ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="35,";

btn35.setEnabled(false);

}

private void btn36ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="36,";

btn36.setEnabled(false);

}

private void btn37ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="37,";

btn37.setEnabled(false);

}

private void btn38ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="38,";

btn38.setEnabled(false);

}

private void btn39ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="39,";

btn39.setEnabled(false);

}

private void btn40ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="40,";

btn40.setEnabled(false);

}

private void btn41ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="41,";

btn41.setEnabled(false);

}

private void btn42ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="42,";

btn42.setEnabled(false);

}

private void btn43ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="43,";

btn43.setEnabled(false);

}

private void btn44ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="44,";

btn44.setEnabled(false);

}

private void btn45ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="45,";

btn45.setEnabled(false);

}

private void btn46ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="46,";

btn46.setEnabled(false);

}

private void btn47ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="47,";

btn47.setEnabled(false);

}

private void btn48ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="48,";

btn48.setEnabled(false);

}

private void btn49ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="49,";

btn49.setEnabled(false);

}

private void btn50ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="50,";

btn50.setEnabled(false);

}

private void btn51ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="51,";

btn51.setEnabled(false);

}

private void btn52ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="52,";

btn52.setEnabled(false);

}

private void btn53ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="53,";

btn53.setEnabled(false);

}

private void btn54ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="54,";

btn54.setEnabled(false);

}

private void btn55ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="55,";

btn55.setEnabled(false);

}

private void btn56ActionPerformed(java.awt.event.ActionEvent evt) {

btn+="56,";

btn56.setEnabled(false);

}

private void btnReserveActionPerformed(java.awt.event.ActionEvent evt) {

//예약하기

String[] snum = btn.split(",");

String SQL = "Update seat set seatCheck=true, id='"+user.getUserId()+"' where seatNum in (";

for(int i=0;i<snum.length;i++){

SQL+=snum[i]+",";

}

SQL=SQL.substring(0, SQL.length()-1);

SQL+=")";

try{

DBM.dbOpen();

DBM.DB\_stmt.executeUpdate(SQL);

JOptionPane.showMessageDialog(null,"예약이 완료 되었습니다.");

DBM.dbClose();

dispose();

}catch(Exception e){

System.out.println("SQLException :"+e.getMessage());

}

}

private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {

dispose();

}

private void btnCleanActionPerformed(java.awt.event.ActionEvent evt) {

initComponents();

seatCheck();

lblId.setText(user.getUserId()+"님 안녕하세요");

}

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new SeatFrame().setVisible(true);

}

});

}