**LOGIN CLASS : -**

**package com.pij;**

**import java.awt.EventQueue;**

**import javax.swing.JFrame;**

**import java.awt.CardLayout;**

**import javax.swing.JOptionPane;**

**import javax.swing.JPanel;**

**import javax.swing.JLabel;**

**import javax.swing.JButton;**

**import java.awt.event.ActionListener;**

**import java.awt.event.ActionEvent;**

**import javax.swing.BoxLayout;**

**import java.awt.Component;**

**import java.awt.FlowLayout;**

**import java.awt.Font;**

**import java.awt.TextField;**

**import java.sql.ResultSet;**

**import com.jgoodies.forms.layout.FormLayout;**

**import com.jgoodies.forms.layout.ColumnSpec;**

**import com.jgoodies.forms.layout.RowSpec;**

**import com.jgoodies.forms.factories.FormFactory;**

**import javax.swing.JList;**

**import javax.swing.JTextField;**

**import javax.swing.JPasswordField;**

**public class UiClass {**

**private JFrame frame;**

**private JTextField userID;**

**private JTextField password;**

**private JPanel LoginPane;**

**/\*\***

**\* Launch the application.**

**\*/**

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

**EventQueue.invokeLater(new Runnable() {**

**public void run() {**

**try {**

**UiClass window = new UiClass();**

**window.frame.setVisible(true);**

**} catch (Exception e) {**

**e.printStackTrace();**

**}**

**}**

**});**

**}**

**/\*\***

**\* Create the application.**

**\*/**

**public UiClass() {**

**initialize();**

**}**

**/\*\***

**\* Initialize the contents of the frame.**

**\*/**

**private void initialize() {**

**frame = new JFrame();**

**frame.setBounds(200, 200, 450, 352);**

**frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);**

**frame.getContentPane().setLayout(new CardLayout(0, 0));**

**LoginPane = new JPanel();**

**frame.getContentPane().add(LoginPane, "name\_1131817280221126");**

**LoginPane.setLayout(null);**

**LoginPane.setVisible(true);**

**JLabel lblUserId = new JLabel("Roll No");**

**lblUserId.setFont(new Font("SansSerif", Font.PLAIN, 20));**

**lblUserId.setBounds(12, 45, 116, 50);**

**LoginPane.add(lblUserId);**

**JLabel lblPassword = new JLabel("Password");**

**lblPassword.setFont(new Font("SansSerif", Font.PLAIN, 20));**

**lblPassword.setBounds(12, 108, 116, 50);**

**LoginPane.add(lblPassword);**

**userID = new JTextField();**

**userID.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**userID.setColumns(10);**

**userID.setBounds(167, 58, 240, 33);**

**LoginPane.add(userID);**

**JButton loginbtn = new JButton("LOGIN");**

**loginbtn.setFont(new Font("SansSerif", Font.PLAIN, 20));**

**loginbtn.setBounds(148, 204, 137, 50);**

**LoginPane.add(loginbtn);**

**password = new JTextField();**

**password.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**password.setBounds(167, 120, 240, 33);**

**LoginPane.add(password);**

**password.setColumns(10);**

**loginbtn.addActionListener(new ActionListener() {**

**public void actionPerformed(ActionEvent arg0) {**

**String rollno = userID.getText().toString();**

**String passwordStr = password.getText().toString();**

**String q = "select \* from students where rollno='" + rollno**

**+ "' and password='" + passwordStr + "'";**

**DatabaseClass dc = new DatabaseClass();**

**dc.connectToDatabse();**

**int next = dc.loginQuery(q);**

**dc.closeDatabseConnection();**

**if (next == 0) {**

**goToTeacherPane();**

**} else if (next > 0 && next < 1000) {**

**goToStudentPane(next);**

**} else if (next == 1000) {**

**JOptionPane.showMessageDialog(null,**

**"Invalid roll no or password");**

**/\***

**\* JFrame dialog = new JFrame("Unable to Login !");**

**\* dialog.setBounds(350, 350, 400, 200);**

**\* dialog.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);**

**\* dialog.setVisible(true);**

**\*/**

**}**

**}**

**});**

**}**

**public void goToStudentPane(int rollNo) {**

**frame.dispose();**

**StudentWindow sw = new StudentWindow();**

**sw.createStudentFile(rollNo);**

**sw.initialize();**

**}**

**public void goToTeacherPane() {**

**frame.dispose();**

**TeacherWindow tw = new TeacherWindow();**

**tw.initialize();**

**}**

**}**

**STUDENT CLASS : -**

**package com.pij;**

**import java.io.\*;**

**import java.text.DateFormat;**

**import java.text.SimpleDateFormat;**

**import javax.swing.JFrame;**

**import java.awt.CardLayout;**

**import java.util.Date;**

**import javax.swing.DefaultListModel;**

**import javax.swing.JButton;**

**import javax.swing.JFileChooser;**

**import javax.swing.JPanel;**

**import javax.swing.JLabel;**

**import java.awt.Font;**

**import javax.swing.SwingConstants;**

**import java.awt.event.ActionListener;**

**import java.awt.event.ActionEvent;**

**import java.awt.Color;**

**import javax.swing.JSeparator;**

**import javax.swing.JList;**

**public class StudentWindow {**

**public StudentWindow() {**

**}**

**private JFrame frame;**

**private int rollNo;**

**private JList list;**

**private DefaultListModel dlm;**

**private DefaultListModel uList;**

**/\*\***

**\* @wbp.parser.entryPoint**

**\*/**

**public void initialize() {**

**frame = new JFrame("Submit Assignments");**

**frame.setBounds(200, 200, 800, 600);**

**frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);**

**frame.getContentPane().setLayout(null);**

**JLabel lblUploadFile = new JLabel("Upload File");**

**lblUploadFile.setBackground(Color.WHITE);**

**lblUploadFile.setHorizontalAlignment(SwingConstants.LEFT);**

**lblUploadFile.setFont(new Font("SansSerif", Font.PLAIN, 22));**

**lblUploadFile.setBounds(52, 12, 175, 38);**

**frame.getContentPane().add(lblUploadFile);**

**JButton btnB = new JButton("Browse");**

**btnB.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**btnB.setBounds(642, 13, 128, 38);**

**frame.getContentPane().add(btnB);**

**JSeparator separator = new JSeparator();**

**separator.setBounds(12, 64, 758, 2);**

**frame.getContentPane().add(separator);**

**dlm = new DefaultListModel();**

**DatabaseClass db = new DatabaseClass();**

**String[] sub = db.getNotifications();**

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

**dlm.addElement(sub[i]);**

**}**

**list = new JList(dlm);**

**list.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**list.setBounds(12, 101, 758, 202);**

**frame.getContentPane().add(list);**

**JLabel lblPreviouslyUploaded = new JLabel("new submissions ");**

**lblPreviouslyUploaded.setHorizontalAlignment(SwingConstants.LEFT);**

**lblPreviouslyUploaded.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**lblPreviouslyUploaded.setBounds(52, 60, 202, 46);**

**frame.getContentPane().add(lblPreviouslyUploaded);**

**JLabel lblUploadedFiles = new JLabel("uploaded files");**

**lblUploadedFiles.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**lblUploadedFiles.setBounds(52, 320, 128, 29);**

**frame.getContentPane().add(lblUploadedFiles);**

**uList = new DefaultListModel();**

**JList list\_1 = new JList(uList);**

**list\_1.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**list\_1.setBounds(12, 362, 758, 178);**

**frame.getContentPane().add(list\_1);**

**frame.setVisible(true);**

**btnB.addActionListener(new ActionListener() {**

**public void actionPerformed(ActionEvent arg0) {**

**JFileChooser fc = new JFileChooser(new File("C:\\"));**

**fc.setDialogTitle("Select a File");**

**fc.showSaveDialog(null);**

**File selectedFile = fc.getSelectedFile();**

**String selectedFilePath = selectedFile.getAbsolutePath();**

**InputStream in = null;**

**OutputStream out = null;**

**try {**

**File source = new File(selectedFilePath);**

**File dest = new File(**

**"C:\\Users\\hp\\Desktop\\SubmissionProject\\students\\Roll\_No\_"**

**+ rollNo + "\\" + selectedFile.getName());**

**in = new FileInputStream(source);**

**out = new FileOutputStream(dest);**

**byte[] buffer = new byte[1024];**

**int length;**

**while ((length = in.read(buffer)) > 0) {**

**out.write(buffer, 0, length);**

**}**

**if (in != null)**

**in.close();**

**if (out != null)**

**out.close();**

**System.out.println("file copied ... ");**

**DateFormat dataFormat = new SimpleDateFormat("dd/MM/yyyy");**

**Date date = new Date();**

**String s = new String(selectedFile.getName());**

**uList.addElement(dataFormat.format(date) + " "**

**+ selectedFile.getName());**

**} catch (Exception e) {**

**System.out.println("file copy exception : "**

**+ e.getMessage().toString());**

**}**

**}**

**});**

**}**

**public void createStudentFile(int rollNo) {**

**this.rollNo = rollNo;**

**boolean f = new File(**

**"C:\\Users\\hp\\Desktop\\SubmissionProject\\students\\Roll\_No\_"**

**+ rollNo).mkdir();**

**}**

**}**

**TEACHER CLASS : -**

**package com.pij;**

**import java.awt.EventQueue;**

**import javax.swing.JFrame;**

**import javax.swing.JPanel;**

**import java.awt.BorderLayout;**

**import javax.swing.DefaultListCellRenderer;**

**import javax.swing.DefaultListModel;**

**import javax.swing.GroupLayout;**

**import javax.swing.GroupLayout.Alignment;**

**import javax.swing.JButton;**

**import javax.swing.JTextField;**

**import javax.swing.LayoutStyle.ComponentPlacement;**

**import java.awt.Font;**

**import javax.swing.JLabel;**

**import javax.swing.JSeparator;**

**import javax.swing.JList;**

**import java.awt.event.ActionListener;**

**import java.awt.event.ActionEvent;**

**import javax.swing.SwingConstants;**

**import java.awt.Color;**

**import javax.swing.ListSelectionModel;**

**public class TeacherWindow {**

**public TeacherWindow() {**

**}**

**private JFrame frame;**

**private JTextField textField;**

**private DefaultListModel dlm;**

**/\*\***

**\* @wbp.parser.entryPoint**

**\*/**

**public void initialize() {**

**frame = new JFrame("Post New Assignments");**

**frame.getContentPane().setFont(new Font("SansSerif", Font.PLAIN, 18));**

**frame.setBounds(200, 200, 800, 600);**

**frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);**

**frame.getContentPane().setLayout(null);**

**JButton btnAddNewAssignment = new JButton("Add");**

**btnAddNewAssignment.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**btnAddNewAssignment.setBounds(685, 55, 85, 48);**

**frame.getContentPane().add(btnAddNewAssignment);**

**/\*\* assignment list \*/**

**dlm = new DefaultListModel();**

**JList list = new JList(dlm);**

**list.setSelectionMode(ListSelectionModel.SINGLE\_SELECTION);**

**list.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**list.setBounds(12, 183, 758, 357);**

**frame.getContentPane().add(list);**

**frame.setVisible(true);**

**JSeparator separator\_1 = new JSeparator();**

**separator\_1.setBounds(12, 116, 758, 2);**

**frame.getContentPane().add(separator\_1);**

**JLabel lblAddAssignments = new JLabel("Add Assignments");**

**lblAddAssignments.setBackground(Color.WHITE);**

**lblAddAssignments.setHorizontalAlignment(SwingConstants.CENTER);**

**lblAddAssignments.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**lblAddAssignments.setBounds(12, 13, 758, 29);**

**frame.getContentPane().add(lblAddAssignments);**

**JLabel lblName = new JLabel("Name");**

**lblName.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**lblName.setBounds(22, 61, 72, 36);**

**frame.getContentPane().add(lblName);**

**textField = new JTextField();**

**textField.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**textField.setBounds(106, 63, 567, 37);**

**frame.getContentPane().add(textField);**

**textField.setColumns(10);**

**JLabel lblPreviouslyAdded = new JLabel("Previously Added");**

**lblPreviouslyAdded.setBackground(Color.WHITE);**

**lblPreviouslyAdded.setHorizontalAlignment(SwingConstants.CENTER);**

**lblPreviouslyAdded.setFont(new Font("SansSerif", Font.PLAIN, 18));**

**lblPreviouslyAdded.setBounds(22, 135, 748, 36);**

**frame.getContentPane().add(lblPreviouslyAdded);**

**btnAddNewAssignment.addActionListener(new ActionListener() {**

**public void actionPerformed(ActionEvent arg0) {**

**String name = textField.getText().toString();**

**DatabaseClass db = new DatabaseClass();**

**db.uploadNewSubmission(name);**

**db.closeDatabseConnection();**

**dlm.addElement(name);**

**}**

**});**

**}**

**}**

**DATABASE CLASS : -**

**package com.pij;**

**import java.sql.\*;**

**public class DatabaseClass {**

**public Connection c;**

**private Statement statement;**

**private UiClass ui;**

**public void connectToDatabse() {**

**try {**

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

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

**c = DriverManager.*getConnection*(url, "system", "abhishek");**

**statement = c.createStatement();**

**} catch (Exception e) {**

**System.*out*.println("exception : " + e.getMessage().toString());**

**}**

**}**

**public void closeDatabseConnection() {**

**try {**

**c.close();**

**} catch (Exception e) {**

**System.*out*.println("connection close exception : "**

**+ e.getMessage().toString());**

**}**

**}**

**public int loginQuery(String q) {**

**int rollNo = 1000;**

**int next = 2;**

**try {**

**ResultSet rs = statement.executeQuery(q);**

**if (rs.next()) {**

**rollNo = rs.getInt(1);**

**}**

**// System.out.println("roll no : "+rollNo);**

**if (rollNo == 0) {**

**return 0;**

**} else if (rollNo > 0 && rollNo != 1000) {**

**return rollNo;**

**} else {**

**return 1000;**

**}**

**} catch (Exception e) {**

**System.*out*.println("execute Query Exception : "**

**+ e.getMessage().toString());**

**return 2;**

**}**

**}**

**public String[] getNotifications() {**

**connectToDatabse();**

**try {**

**ResultSet rs = statement.executeQuery("Select \* from notify");**

**int i = 0;**

**String[] sub = new String[10];**

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

**sub[i] = rs.getString(1);**

**i++;**

**}**

**closeDatabseConnection();**

**return sub;**

**} catch (Exception e) {**

**String[] sub = {};**

**e.printStackTrace();**

**return sub;**

**}**

**}**

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

**connectToDatabse();**

**try {**

**statement.executeQuery("insert into notify values('" + name**

**+ "','12-11-2017')");**

**} catch (Exception e) {**

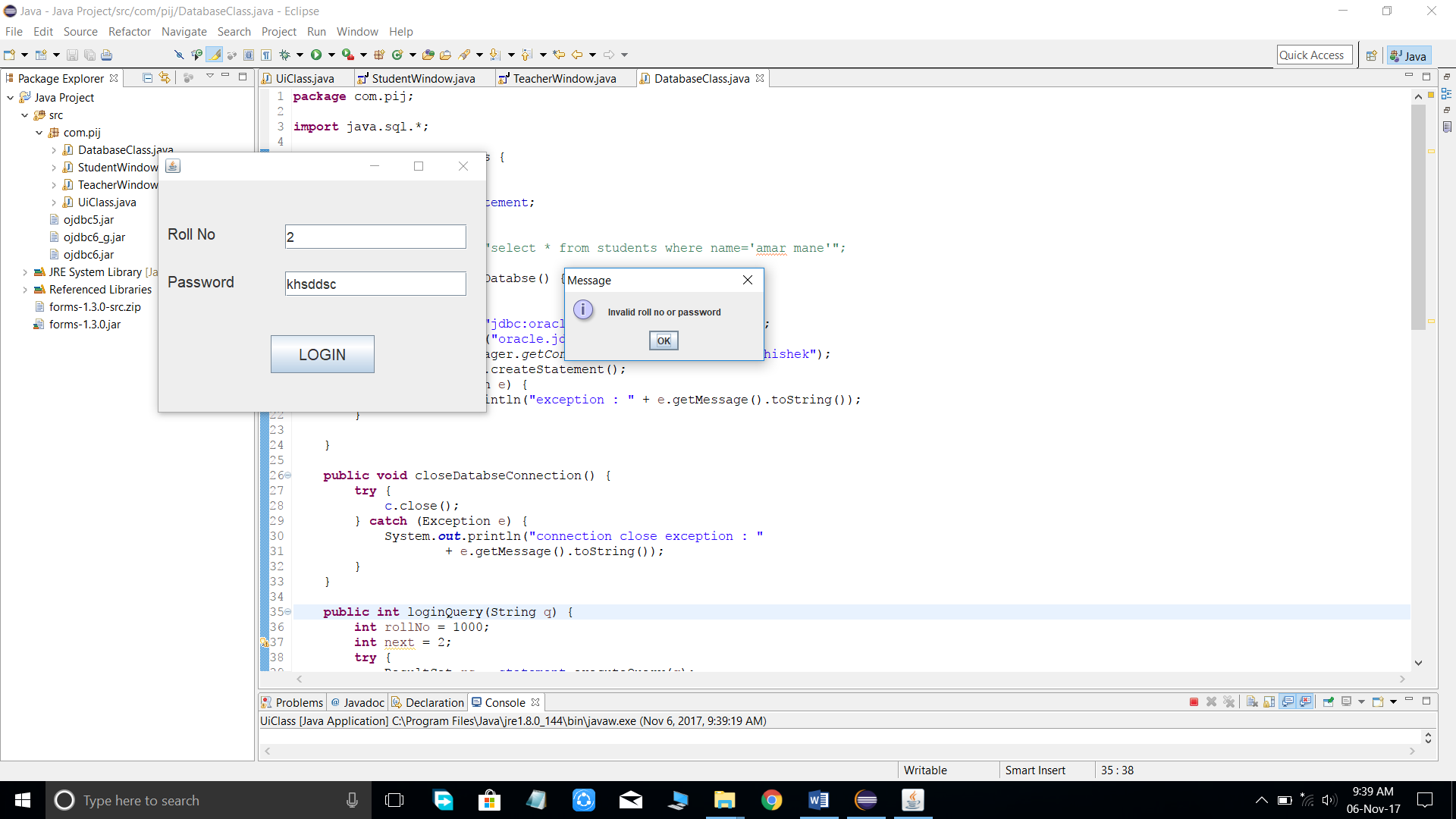
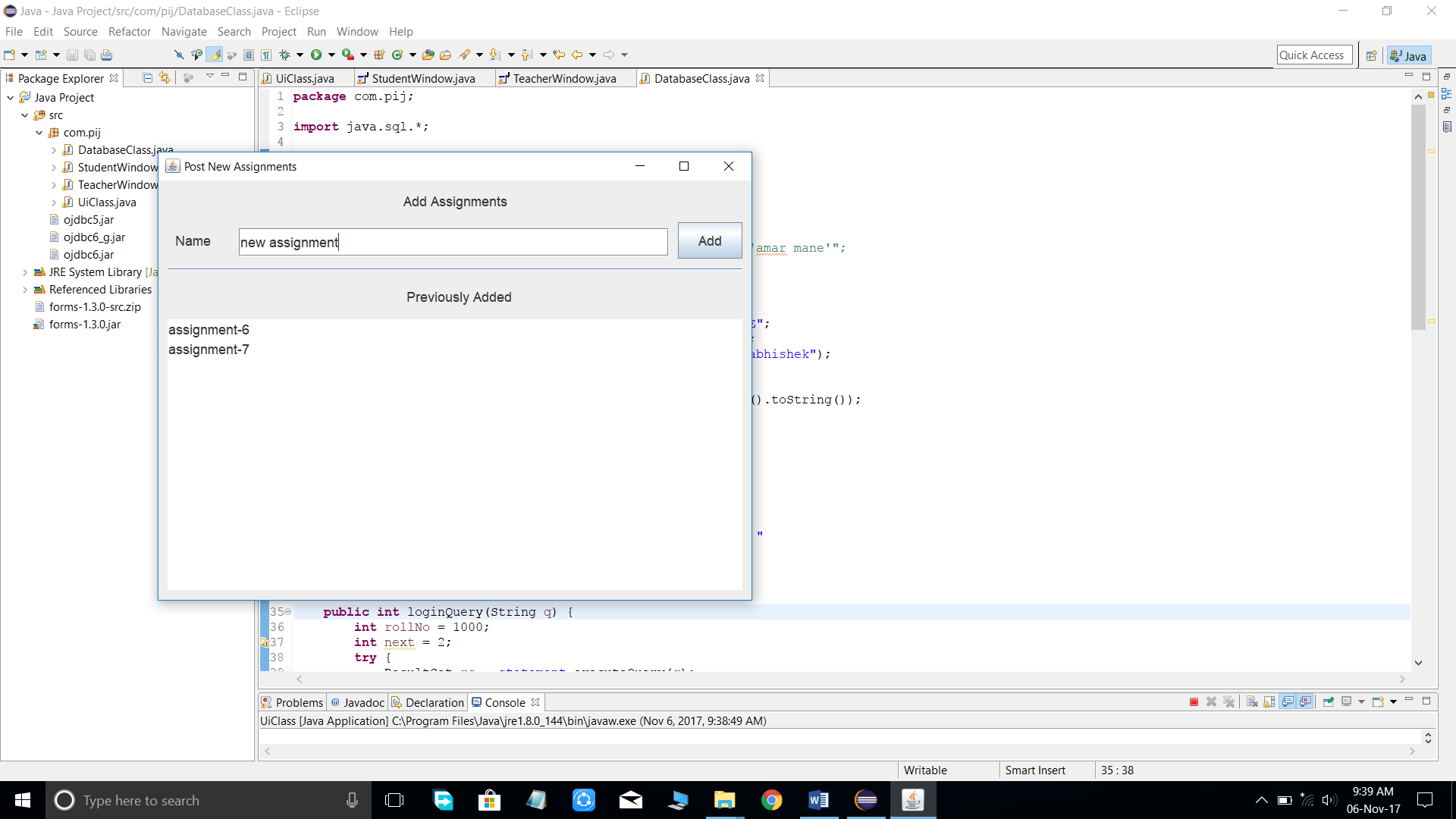
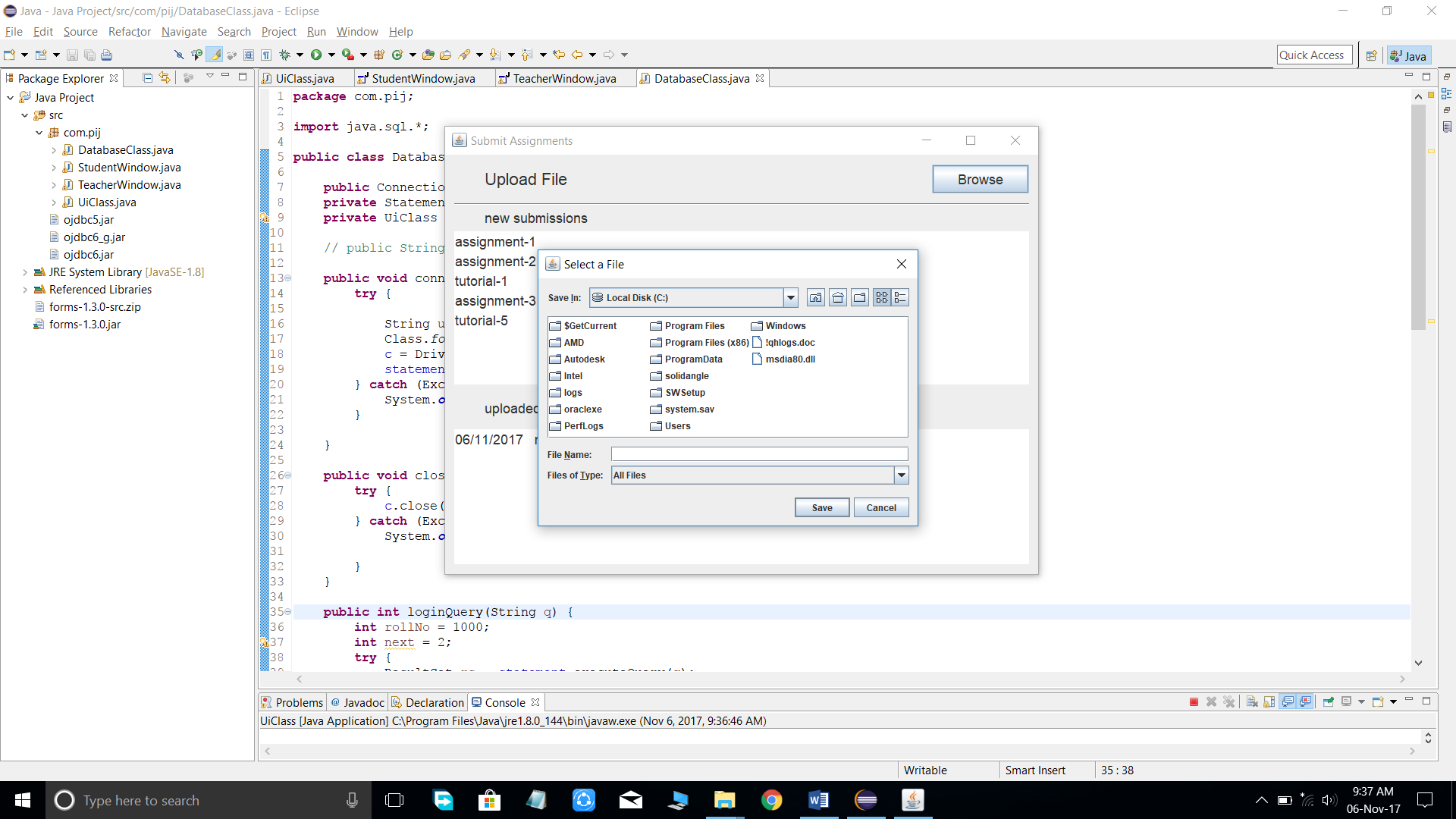
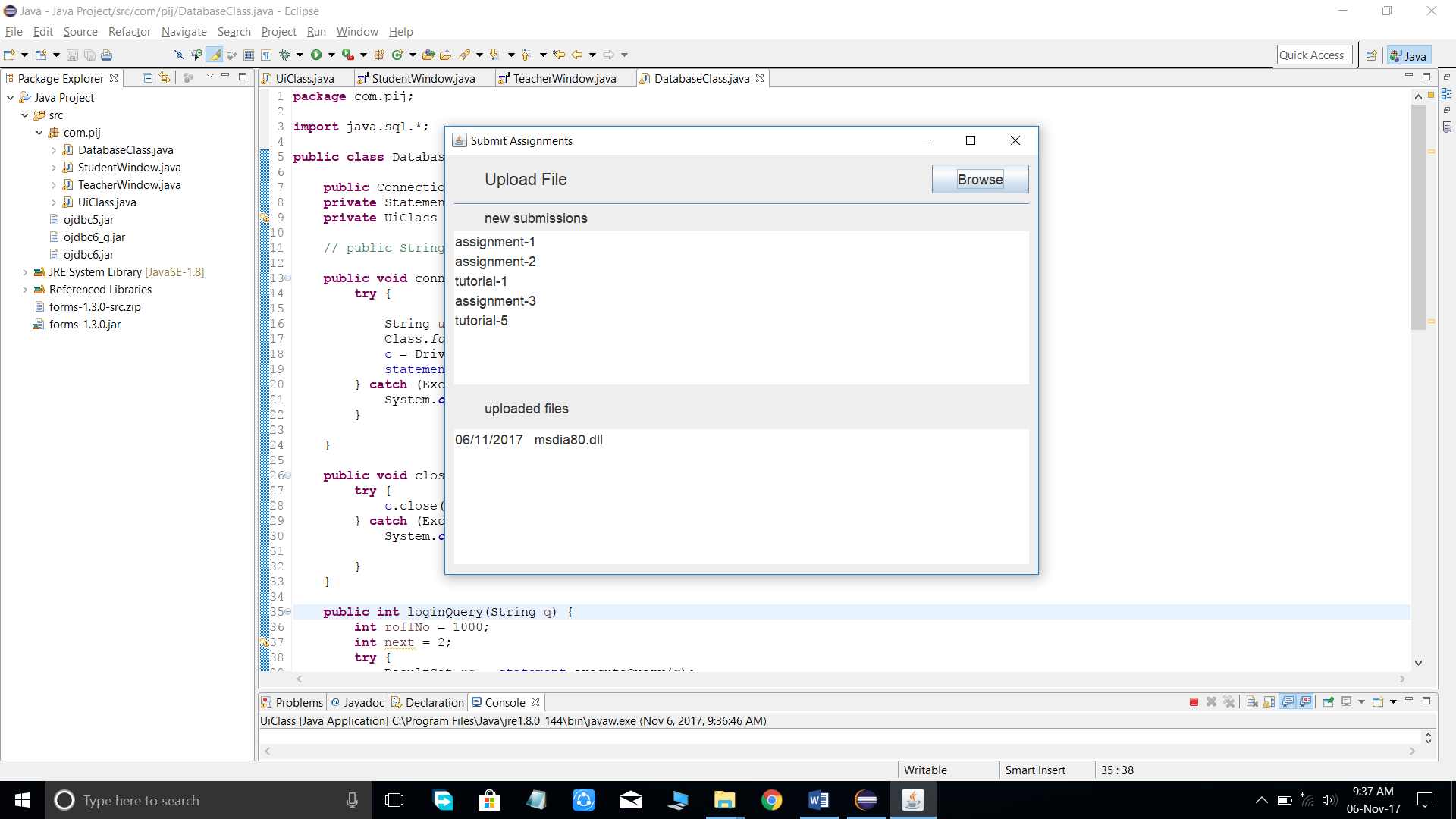
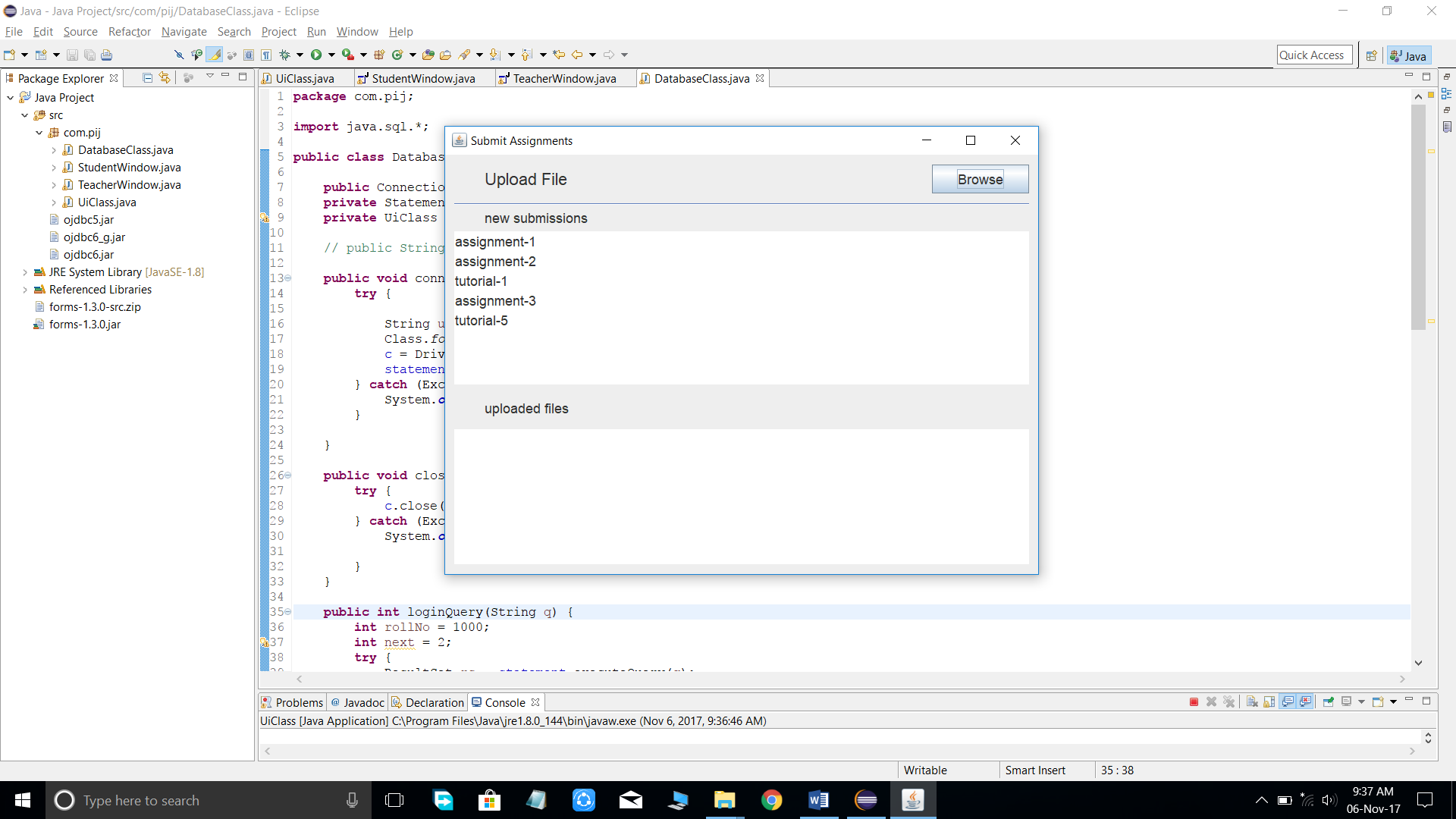
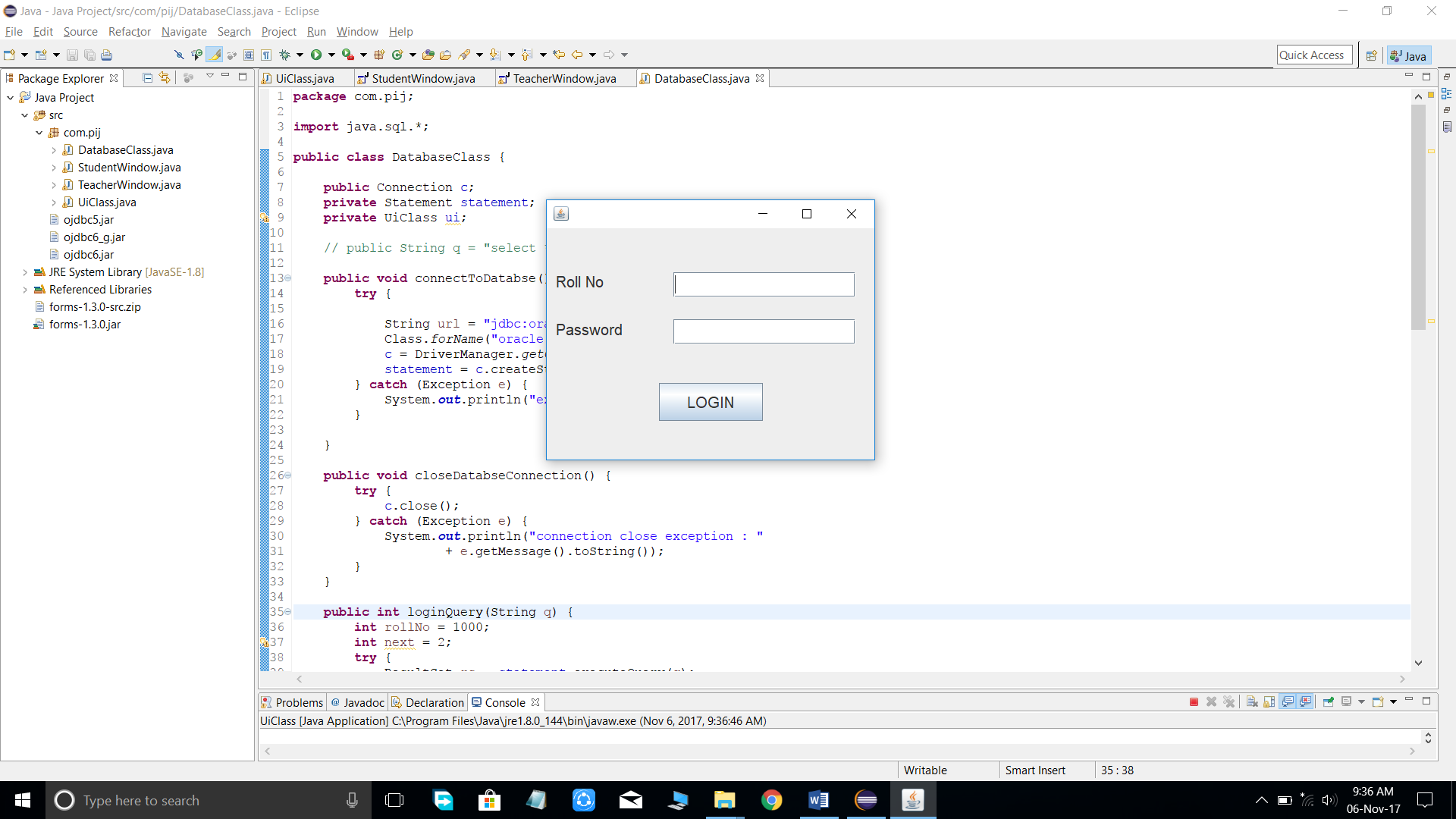
**e.printStackTrace();**

**}**

**}**

**}**

**OUTPUTS : -**

****