**DELHI TECHINCAL CAMPUS**

***DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING***



**Internship/Training Report**

**Project FILE**

**(2019)**

Java Training

( Banking Management System)

**7th Semester**

**SUBMITTED TO: SUBMITTED BY:**

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**INTRODUCTION**

* **This software will be provided as a tool to the BANK.**
* **The BANK has been working for Accounts information, Withdrawal (through Cash/Cheque).**
* **Deposit amount. In this Software you can keep record for daily Banking transactions.**
* **THE OBJECTIVE is to prepare a software or application, which could maintain data & provide a user friendly interface for retrieving customer related details just in few seconds, with 100% accuracy.**
* **Software is completely computerized, so it is not time consuming process.**
* **No paper work required & can be implemented further.**
* **The application should also facilitate the addition of new Customer A/c, deletion of A/c& modification of existing customer A/C.**
* **To Search for every individual accounts for a particular customer.**
* **To delete a individual accounts for a particular customer.**
* **To modify for every individual accounts for a particular customer.**

**Project Code**

**Main.java**

package BankManagement;

import java.sql.\*;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import net.proteanit.sql.DbUtils;

public class Main extends javax.swing.JFrame {

public Main() {

initComponents();

}

@SuppressWarnings("unchecked")

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

AccOptions = new javax.swing.JButton();

AdminOptions = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Times New Roman", 0, 36));

jLabel1.setText("Bank Management");

AccOptions.setText("Account Options");

AccOptions.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

AccOptionsActionPerformed(evt);

}

});

AdminOptions.setText("Admin Options");

AdminOptions.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

AdminOptionsActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup().addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING) .addGroup(layout.createSequentialGroup() .addGap(172, 172, 172)

.addComponent(AccOptions)

.addGap(118, 118, 118)

.addComponent(AdminOptions))

.addGroup(layout.createSequentialGroup()

.addGap(215, 215, 215)

.addComponent(jLabel1)))

.addContainerGap(190, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(113, 113, 113)

.addComponent(jLabel1)

.addGap(95, 95, 95).addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(AccOptions)

.addComponent(AdminOptions))

.addContainerGap(205, Short.MAX\_VALUE))

); pack();

}

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

AccOptions n = null;

try {

n = new AccOptions();

} catch (ClassNotFoundException ex) {

Logger.getLogger(Main.class.getName()).log(Level.SEVERE, null, ex);

} catch (SQLException ex) {

Logger.getLogger(Main.class.getName()).log(Level.SEVERE, null, ex);

}

n.setVisible(true);

this.setVisible(false);

}

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

try{

AdminOptions n=new AdminOptions();

n.setVisible(true);

this.setVisible(false);

} catch(Exception ew){

System.out.println(ew);

}

}

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

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

public void run() {

new Main().setVisible(true);

}

});

}

private javax.swing.JButton AccOptions;

private javax.swing.JButton AdminOptions;

private javax.swing.JLabel jLabel1;

}

**Connector.java**

package BankManagement;

import java.sql.\*;

public class Connector {

public Connection conn;

public Connector() throws ClassNotFoundException, SQLException{

Class.forName("com.mysql.jdbc.Driver");

conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/bank","root","");

}

}

**AccOptions.java**

package BankManagement;

import java.sql.\*;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import net.proteanit.sql.DbUtils;

public class AccOptions extends javax.swing.JFrame {

private Connector c=null;

public AccOptions() throws ClassNotFoundException, SQLException {

initComponents();

c=new Connector();

}

@SuppressWarnings("unchecked")

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

btn\_enq = new javax.swing.JButton();

btn\_deposit = new javax.swing.JButton();

btn\_wdraw = new javax.swing.JButton();

txt\_accno = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

txt\_amt = new javax.swing.JTextField();

label\_bal = new javax.swing.JLabel();

btn\_switch = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Times New Roman", 0, 36));

jLabel1.setText("Account Options");

jLabel2.setText("Enter The Account Number");

btn\_enq.setText("Enquiry");

btn\_enq.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btn\_enqActionPerformed(evt);

}

});

btn\_deposit.setText("Deposit");

btn\_deposit.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btn\_depositActionPerformed(evt);

}

});

btn\_wdraw.setText("Withdraw");

btn\_wdraw.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btn\_wdrawActionPerformed(evt);

}

});

txt\_accno.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txt\_accnoActionPerformed(evt);

}

});

jLabel3.setText("Enter The Amount To Deposited/Withdrawn");

txt\_amt.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txt\_amtActionPerformed(evt);

}

});

label\_bal.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

label\_bal.setVerticalAlignment(javax.swing.SwingConstants.TOP);

btn\_switch.setText("Switch to AdminOptions");

btn\_switch.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btn\_switchActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(236, 236, 236))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(txt\_accno, javax.swing.GroupLayout.PREFERRED\_SIZE, 327, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addGap(165, 165, 165)

.addComponent(btn\_enq)

.addGap(62, 62, 62)

.addComponent(btn\_deposit)

.addGap(56, 56, 56)

.addComponent(btn\_wdraw)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addGap(104, 104, 104)

.addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(txt\_amt, javax.swing.GroupLayout.PREFERRED\_SIZE, 275, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(86, Short.MAX\_VALUE))

.addComponent(label\_bal, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btn\_switch)

.addContainerGap())

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(12, 12, 12)

.addComponent(btn\_switch)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jLabel1)

.addGap(67, 67, 67)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(txt\_accno, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(txt\_amt, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(46, 46, 46)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btn\_enq)

.addComponent(btn\_deposit)

.addComponent(btn\_wdraw))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 64, Short.MAX\_VALUE)

.addComponent(label\_bal, javax.swing.GroupLayout.PREFERRED\_SIZE, 100, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(38, 38, 38))

);

pack();

}

private void txt\_accnoActionPerformed(java.awt.event.ActionEvent evt) {

}

private void btn\_enqActionPerformed(java.awt.event.ActionEvent evt) {

String accno=txt\_accno.getText();

try{

PreparedStatement ps=c.conn.prepareStatement("select \* from accounts where Account\_no='"+accno+"'");

ResultSet rs=ps.executeQuery();

while(rs.next()){

label\_bal.setText("Your current balance is "+rs.getInt(3)+" Rs.");

}

}

catch(Exception ew){

System.out.println(ew);

}

}

private void txt\_amtActionPerformed(java.awt.event.ActionEvent evt) {}

private void btn\_depositActionPerformed(java.awt.event.ActionEvent evt) {

String accno=txt\_accno.getText();

int amt=Integer.parseInt(txt\_amt.getText());

int bal = 0;

try{

PreparedStatement ps=c.conn.prepareStatement("select \* from accounts where Account\_no='"+accno+"'");

ResultSet rs=ps.executeQuery();

while(rs.next()){

bal=rs.getInt(3);

}

int newbal=bal+amt;

PreparedStatement ps2=c.conn.prepareStatement("update accounts set Balance="+newbal+" where Account\_no='"+accno+"'");

ps2.executeUpdate();

}

catch(Exception ew){

System.out.println(ew);

} label\_bal.setText("Your Transaction was successful. Click 'Enquiry' button to check updated balance.");

}

private void btn\_wdrawActionPerformed(java.awt.event.ActionEvent evt) {

String accno=txt\_accno.getText();

int amt=Integer.parseInt(txt\_amt.getText());

int bal = 0;

try{

PreparedStatement ps=c.conn.prepareStatement("select \* from accounts where Account\_no='"+accno+"'");

ResultSet rs=ps.executeQuery();

while(rs.next()){

bal=rs.getInt(3);

}

int newbal=bal-amt;

PreparedStatement ps2=c.conn.prepareStatement("update accounts set Balance="+newbal+" where Account\_no='"+accno+"'");

ps2.executeUpdate();

}

catch(Exception ew){

System.out.println(ew);

}

label\_bal.setText("Your Transaction was successful. Click 'Enquiry' button to check updated balance."); }

private void btn\_switchActionPerformed(java.awt.event.ActionEvent evt) {

try{

AdminOptions n=new AdminOptions();

n.setVisible(true);

this.setVisible(false);

}

catch(Exception ew){

System.out.println(ew);

}

}

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AccOptions.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AccOptions.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AccOptions.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AccOptions.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

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

public void run() {

try {

new AccOptions().setVisible(true);

} catch (ClassNotFoundException ex) {

Logger.getLogger(AccOptions.class.getName()).log(Level.SEVERE, null, ex);

} catch (SQLException ex) {

Logger.getLogger(AccOptions.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

}

private javax.swing.JButton btn\_deposit;

private javax.swing.JButton btn\_enq;

private javax.swing.JButton btn\_switch;

private javax.swing.JButton btn\_wdraw;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel label\_bal;

private javax.swing.JTextField txt\_accno;

private javax.swing.JTextField txt\_amt;

}

**AdminOptions.java**

package BankManagement;

import java.sql.\*;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import net.proteanit.sql.DbUtils;

public class AdminOptions extends javax.swing.JFrame {

private Connector c=null;

public AdminOptions() throws ClassNotFoundException, SQLException {

initComponents();

c=new Connector();

upd\_table();

}

public void upd\_table() throws SQLException{

PreparedStatement ps=c.conn.prepareStatement("select \* from accounts");

ResultSet rs=ps.executeQuery();

while(rs.next()){

dataset.setModel(DbUtils.resultSetToTableModel(rs));

}

}

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

txt\_accno = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

txt\_name = new javax.swing.JTextField();

jLabel10 = new javax.swing.JLabel();

txt\_phno = new javax.swing.JTextField();

jLabel11 = new javax.swing.JLabel();

txt\_address = new javax.swing.JTextField();

btn\_add = new javax.swing.JButton();

jScrollPane2 = new javax.swing.JScrollPane();

dataset = new javax.swing.JTable();

btn\_mod = new javax.swing.JButton();

btn\_del = new javax.swing.JButton();

btn\_srch = new javax.swing.JButton();

jLabel9 = new javax.swing.JLabel();

txt\_bal = new javax.swing.JTextField();

btn\_switch = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Times New Roman", 0, 36));

jLabel1.setText("Admin Options");

jLabel7.setText("Account no.");

jLabel8.setText("Name");

jLabel10.setText("Phone no.");

jLabel11.setText("Address");

btn\_add.setText("Add");

btn\_add.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btn\_addActionPerformed(evt);

}

});

dataset.setAutoCreateRowSorter(true);

dataset.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

}

));

dataset.setAutoscrolls(false);

dataset.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));

dataset.setEditingColumn(0);

dataset.setEditingRow(1);

dataset.setRowMargin(5);

dataset.getTableHeader().setReorderingAllowed(false);

jScrollPane2.setViewportView(dataset);

btn\_mod.setText("Modify");

btn\_mod.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btn\_modActionPerformed(evt);

}

});

btn\_del.setText("Delete");

btn\_del.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btn\_delActionPerformed(evt);

}

});

btn\_srch.setText("Search");

btn\_srch.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btn\_srchActionPerformed(evt);

}

});

jLabel9.setText("Initial Balance");

btn\_switch.setText("Switch to AccountOptions");

btn\_switch.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btn\_switchActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(118, 118, 118)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel7)

.addComponent(jLabel8)

.addComponent(jLabel10)

.addComponent(jLabel11))

.addGap(24, 24, 24))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel9)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(layout.createSequentialGroup()

.addComponent(btn\_add)

.addGap(18, 18, 18)

.addComponent(btn\_mod)

.addGap(18, 18, 18)

.addComponent(btn\_del)

.addGap(18, 18, 18)

.addComponent(btn\_srch))

.addComponent(txt\_address, javax.swing.GroupLayout.DEFAULT\_SIZE, 398, Short.MAX\_VALUE)

.addComponent(txt\_phno, javax.swing.GroupLayout.DEFAULT\_SIZE, 398, Short.MAX\_VALUE)

.addComponent(txt\_name, javax.swing.GroupLayout.DEFAULT\_SIZE, 398, Short.MAX\_VALUE)

.addComponent(txt\_accno, javax.swing.GroupLayout.DEFAULT\_SIZE, 398, Short.MAX\_VALUE)

.addComponent(txt\_bal))

.addGap(0, 101, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jScrollPane2)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(56, 56, 56)

.addComponent(btn\_switch)))))

.addContainerGap())

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(22, 22, 22)

.addComponent(jLabel1))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(btn\_switch)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7)

.addComponent(txt\_accno, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel8)

.addComponent(txt\_name, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel10)

.addComponent(txt\_phno, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel11)

.addComponent(txt\_address, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(txt\_bal, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel9))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btn\_add)

.addComponent(btn\_mod)

.addComponent(btn\_del)

.addComponent(btn\_srch))

.addGap(18, 18, 18)

.addComponent(jScrollPane2, javax.swing.GroupLayout.DEFAULT\_SIZE, 191, Short.MAX\_VALUE)

.addContainerGap())

);

pack();

}

private void btn\_addActionPerformed(java.awt.event.ActionEvent evt) {

String accno=txt\_accno.getText();

String name=txt\_name.getText();

String phno=txt\_phno.getText();

String address=txt\_address.getText();

String bal=txt\_bal.getText();

PreparedStatement ps;

try {

ps = c.conn.prepareStatement("insert into accounts values ("+accno+",'"+name+"',"+bal+",'"+phno+"','"+address+"')");

ps.executeUpdate();

upd\_table();

} catch (SQLException ex) {

Logger.getLogger(AdminOptions.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void btn\_modActionPerformed(java.awt.event.ActionEvent evt) {

String accno=txt\_accno.getText();

String name=txt\_name.getText();

String phno=txt\_phno.getText();

String address=txt\_address.getText();

PreparedStatement ps;

try {

ps = c.conn.prepareStatement("update accounts set Name='"+name+"', Phone\_no='"+phno+"', Address='"+address+"' where Account\_no='"+accno+"'");

ps.executeUpdate();

upd\_table();

} catch (SQLException ex) {

Logger.getLogger(AdminOptions.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void btn\_delActionPerformed(java.awt.event.ActionEvent evt) {

String accno=txt\_accno.getText();

PreparedStatement ps;

try {

ps = c.conn.prepareStatement("delete from Accounts where Account\_no='"+accno+"'");

ps.executeUpdate();

upd\_table();

} catch (SQLException ex) {

Logger.getLogger(AdminOptions.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void btn\_srchActionPerformed(java.awt.event.ActionEvent evt) {

String accno=txt\_accno.getText();

String name=txt\_name.getText();

String phno=txt\_phno.getText();

String address=txt\_address.getText();

PreparedStatement ps;

try {

ps = c.conn.prepareStatement("select \* from Accounts where Account\_no='"+accno+"'");

ResultSet rs=ps.executeQuery();

while(rs.next()){

txt\_name.setText(rs.getString(2));

txt\_phno.setText(rs.getString(4));

txt\_address.setText(rs.getString(5));

}

}

catch(Exception ew){

System.out.println(ew);

}

}

private void btn\_switchActionPerformed(java.awt.event.ActionEvent evt) {

try{

AccOptions n=new AccOptions();

n.setVisible(true);

this.setVisible(false);

}

catch(Exception ew){

System.out.println(ew);

}

}

public static void main(String args[]) {

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AdminOptions.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AdminOptions.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AdminOptions.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AdminOptions.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

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

public void run() {

try {

new AdminOptions().setVisible(true);

} catch (ClassNotFoundException ex) {

Logger.getLogger(AdminOptions.class.getName()).log(Level.SEVERE, null, ex);

} catch (SQLException ex) {

Logger.getLogger(AdminOptions.class.getName()).log(Level.SEVERE, null, ex);

}

}

});

}

private javax.swing.JButton btn\_add;

private javax.swing.JButton btn\_del;

private javax.swing.JButton btn\_mod;

private javax.swing.JButton btn\_srch;

private javax.swing.JButton btn\_switch;

private javax.swing.JTable dataset;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JTextField txt\_accno;

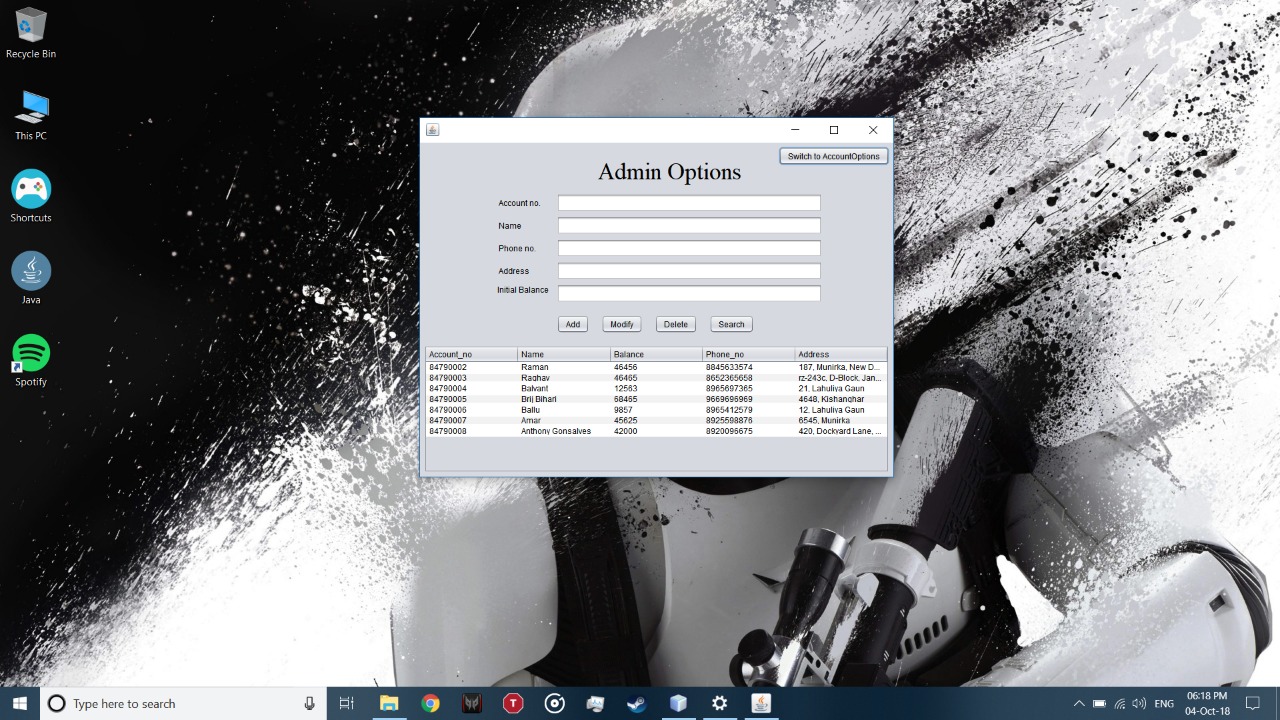
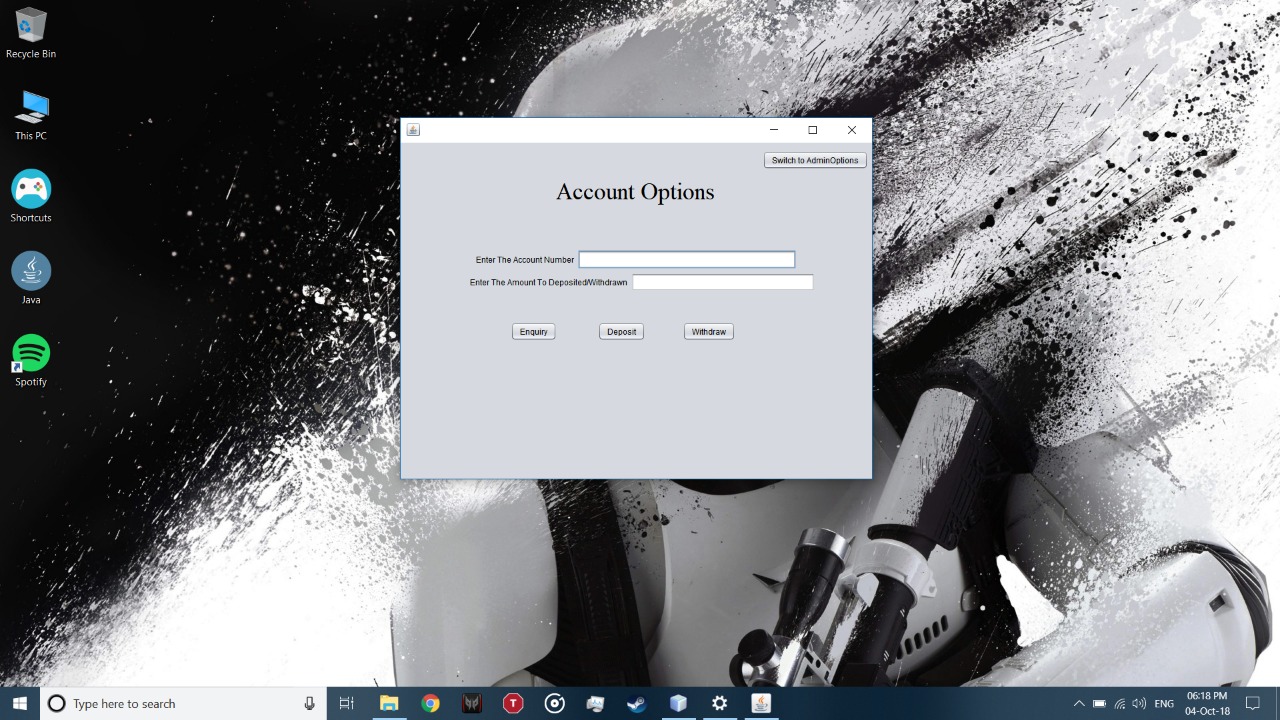
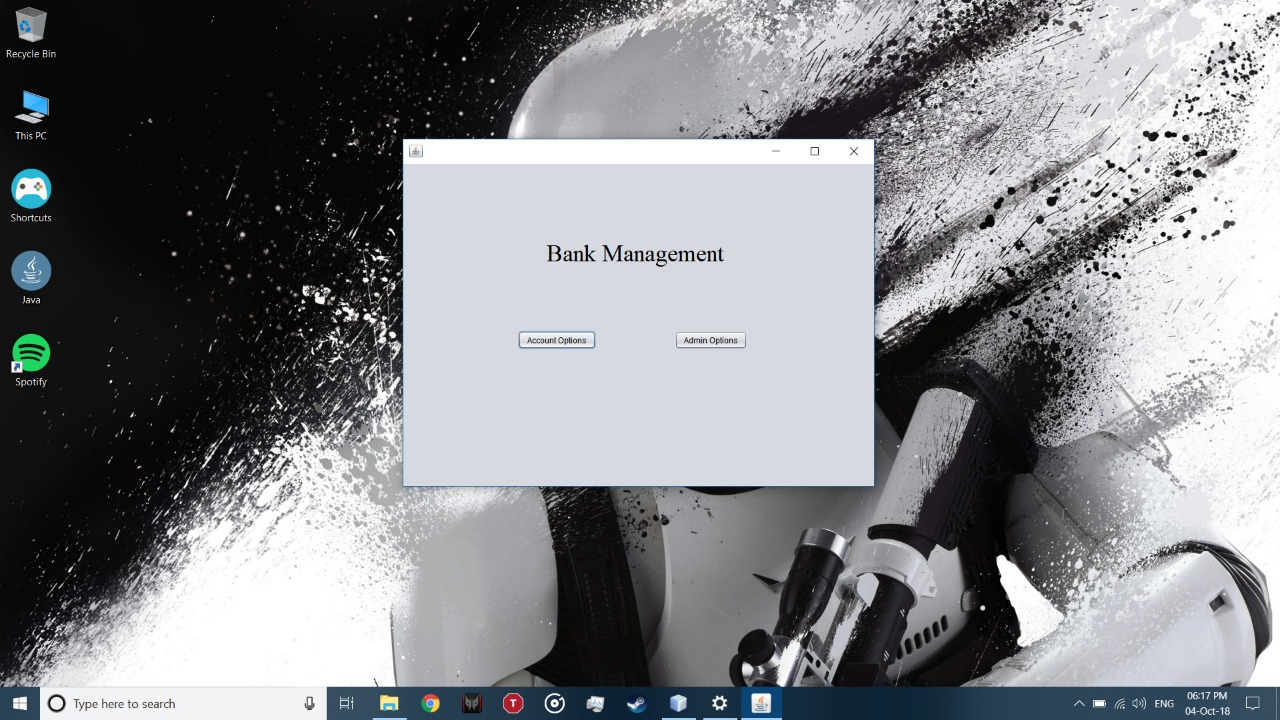
private javax.swing.JTextField txt\_address;

private javax.swing.JTextField txt\_bal;

private javax.swing.JTextField txt\_name;

private javax.swing.JTextField txt\_phno;

}

**OUTPUT**