package bankmanagementsystem;

import javax.swing.\*; //\* means all the package of swing is imported

import java.awt.\*; //to import image

import java.awt.event.\*; //actionlistener

public class Login extends JFrame implements ActionListener { //JFrame class of string it is imported using swing package

//implements ActionListener is used to login,signup actions

JButton login, signup, clear;

JTextField cardTextField;

JPasswordField pinTextField; //password is in dot format

Login(){

setTitle("AUTOMATED TELLER MACHINE");

setLayout(null); //by setLayout otherwise image is placed in the center only

ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("icons/logooo.jpg")); //Imageicon is obj created classloader to load from sytem so get..

Image i2 = i1.getImage().getScaledInstance(100, 100, Image.SCALE\_DEFAULT); //It is used to resize the image

ImageIcon i3 = new ImageIcon(i2);

JLabel label = new JLabel(i3); //it can be uploaded with the help of Jlabel

label.setBounds(70,10,100,100) ; //to place image where it is needed last 100 one is wdith and 2nd height

add(label);

JLabel text = new JLabel("Welcome To ATM"); // by using JLabel we can add text also

text.setFont(new Font("Osward",Font.BOLD,38));

text.setBounds(200,40,400,40);

add(text);

JLabel cardno = new JLabel("Card No:");

cardno.setFont(new Font("Raleway",Font.BOLD,28)); //28 is text size

cardno.setBounds(120,150,150,30);

add(cardno);

cardTextField = new JTextField();

cardTextField.setBounds(300,150,230,30);

cardTextField.setFont(new Font("Arial",Font.BOLD,14));

add(cardTextField);

JLabel pin = new JLabel("PIN:");

pin.setFont(new Font("Raleway",Font.BOLD,28));

pin.setBounds(120,220,230,30);

add(pin);

pinTextField = new JPasswordField();

pinTextField.setBounds(300,220,230,30);

pinTextField.setFont(new Font("Arial",Font.BOLD,14));

add(pinTextField);

login = new JButton("SIGN IN");

login.setBounds(300,280,100,30);

login.setBackground(Color.BLACK);

login.setForeground(Color.WHITE);

login.addActionListener(this);

add(login);

clear = new JButton("CLEAR");

clear.setBounds(430,280,100,30);

clear.setBackground(Color.BLACK);

clear.setForeground(Color.WHITE);

clear.addActionListener(this);

add(clear);

signup = new JButton("SIGN UP");

signup.setBounds(300,320,230,30);

signup.setBackground(Color.BLACK);

signup.setForeground(Color.WHITE);

signup.addActionListener(this);

add(signup);

getContentPane().setBackground(Color.BLUE);

setSize(800,400); //size of frame

setVisible(true); //to get visible for user

setLocation(350,200); //350 from left,200 from top so it comes in middle

}

public void actionPerformed(ActionEvent ae){ //what happens after we press action buttons is defined here

// login, singup, clear all are local defined in Jbutton in order to access here it should be globally defined and textfield also globally

if(ae.getSource() == clear){

cardTextField.setText("");

pinTextField.setText("");

}else if(ae.getSource() == login){

}else if(ae.getSource() == signup){

}

}

public static void main(String[] args) {

new Login();

}

}