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import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.JTextField;
import javax.mail.Message;
import javax.mail.Session;
import javax.mail.Transport;
import javax.mail.internet.InternetAddress;
import javax.mail.internet.MimeMessage;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.util.Properties;
import java.util.Random;
import java.awt.event.ActionEvent;

public class Sendcode extends JFrame {

    private JPanel contentPane;
    private JTextField txtEmail;
    private JTextField txtVer;
    int randomCode;

    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Sendcode frame = new Sendcode();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the frame.
     */
    public Sendcode() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 559, 435);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JLabel lblNewLabel = new JLabel("Enter Email Id");
        lblNewLabel.setFont(new Font("Times New Roman", Font.PLAIN, 24));
        lblNewLabel.setBounds(24, 35, 159, 33);
    }

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contentPane.add(lblNewLabel);

txtEmail = new JTextField();
txtEmail.setBounds(220, 35, 253, 33);
contentPane.add(txtEmail);
txtEmail.setColumns(10);

JButton btnNewButton = new JButton("Send");
btnNewButton.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent arg0) {
        try
        {
            Random rand=new Random();
            randomCode=rand.nextInt(999999);
            String host="smtp.gmail.com";
            String user="imran9205246469@gmail.com";
            String pass="123";
            String to=txtEmail.getText();
            String subject="Reseting Code ";
            String message="Your Reset Code is "+randomCode;
            boolean sessionDebug=false;
            Properties pros=System.getProperties();
            pros.put("mail.smtp.starttls.enable", "true");
            pros.put("mail.smtp.host", "host");
            pros.put("mail.smtp.port", "587");
            pros.put("mail.smtp.auth", "true");
            pros.put("mail.smtp.starttls.required", "true");
            java.security.Security.addProvider(new
com.sun.net.ssl.internal.ssl.Provider());
            Session mailSession=Session.getDefaultInstance(pros,null);
            mailSession.setDebug(sessionDebug);
            Message msg=new MimeMessage(mailSession);
            msg.setFrom(new InternetAddress(user));
            InternetAddress address=(new InternetAddress(to));
            msg.setRecipient(Message.RecipientType.TO, address);
            msg.setSubject(subject);
            msg.setText(message);
            Transport transport=mailSession.getTransport("smtp");
            transport.connect(host, user, pass);
            transport.sendMessage(msg, msg.getAllRecipients());
            transport.close();
            JOptionPane.showMessageDialog(null, "Code Has beeb send to
the Email");
        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null, e);
        }
    }
});
btnNewButton.setFont(new Font("Times New Roman", Font.BOLD, 25));
btnNewButton.setBounds(249, 104, 136, 33);
contentPane.add(btnNewButton);

JLabel lblNewLabel_1 = new JLabel("Verify Code");
lblNewLabel_1.setFont(new Font("Times New Roman", Font.PLAIN, 24));
lblNewLabel_1.setBounds(24, 190, 149, 27);
contentPane.add(lblNewLabel_1);

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txtVer = new JTextField();
txtVer.setBounds(220, 175, 149, 42);
contentPane.add(txtVer);
txtVer.setColumns(10);

JButton btnNewButton_1 = new JButton("Verify Code");
btnNewButton_1.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent arg0) {
        if(Integer.valueOf(txtVer.getText())==randomCode)
        {
            Reset rs=new Reset(txtEmail.getText());
            rs.setVisible(true);

        }
        else{
            JOptionPane.showMessageDialog(null, "code do not
match");
        }
    }
});
btnNewButton_1.setFont(new Font("Times New Roman", Font.BOLD, 24));
btnNewButton_1.setBounds(270, 285, 167, 33);
contentPane.add(btnNewButton_1);
}
}

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