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| import javax.swing.\*;  import java.awt.\*;  import java.awt.event.\*;  import javax.swing.border.\*;  import java.util.\*;  import java.io.\*;  public class GUI implements ActionListener  {  JFrame f;  JTextField textField;  JLabel lbl;  JButton btn1, btn2;    JPanel mainPanel, btnPanel, lblPanel;  boolean saveFile;  String lblText;    Scanner scanFile;  FileWriter fw;  PrintWriter outFile;    String fileName = "text.txt";  String text;    public GUI()  {  f = new JFrame("File Reader");    saveFile = true;    lblPanel = new JPanel(new FlowLayout(FlowLayout.LEFT));  btnPanel = new JPanel(new FlowLayout());    mainPanel = new JPanel();  mainPanel.setLayout(new BoxLayout(mainPanel, BoxLayout.Y\_AXIS));  mainPanel.setBorder(BorderFactory.createEmptyBorder(7, 7, 7, 7));  mainPanel.setPreferredSize(new Dimension(500,90));    lblText = "Please Enter Text and Press Save (to create file press End) :";    textField = new JTextField(25);  textField.setBackground(Color.WHITE);    lbl = new JLabel(lblText, JLabel.LEFT);  btn1 = new JButton("Save");  btn2 = new JButton("End");    lblPanel.add(lbl);    btnPanel.add(btn1);  btnPanel.add(btn2);    btn1.addActionListener(this);  btn2.addActionListener(this);    mainPanel.add(lblPanel);  mainPanel.add(textField);  mainPanel.add(btnPanel);    writeFile();    f.add(mainPanel);    f.pack();  f.setLocationRelativeTo(null);  f.setVisible(true);    }//end GUI() constructor    //Open the file to write on it  public void writeFile()  {  //Attempt the open or write on the file  try  {  //Create a file using the fileName  fw = new FileWriter(fileName);    //Write to the file using PrintWriter  outFile = new PrintWriter(fw);  }    catch(IOException e)  {  System.out.println("Error : " + e);    }//end try/catch for writing on the file    }//end writeFile()    //Open the file to read the text in it  public void openFile()  {  //Attempy to Open the file  try  {  scanFile = new Scanner(new File(fileName));  }    catch(FileNotFoundException e)  {  System.out.println("Error : " + e);    }//end try/catch for opening the file    }//end openFile()    public void actionPerformed(ActionEvent e)  {  //if button on the left side is pressed  if(e.getSource() == btn1)  {  //If Save button is pressed  if(saveFile)  {  text = textField.getText();    if(!text.equals(""))  {  //Print the current text to the text file created  outFile.println(text);  textField.setText("");  }  }    //If Read button is pressed  else  {  //Read the file line-by-line and display it on the textField  if(scanFile.hasNext())  {  text = scanFile.nextLine();  textField.setText(text);  }    else  {  textField.setText("End of File");  btn1.setEnabled(false);  }//end if    }  }    //if button on the right side is pressed  else  {  //If End button is pressed to end writing on the file  if(saveFile)  {  outFile.close();    textField.setText("");  textField.setEditable(false);    //Change the text on the buttons  btn1.setText("Read");  btn1.setEnabled(false);  btn2.setText("Open");    //change the header  lbl.setText("Click Open to Start Reading From File");  saveFile = false;  }    //If the Open button is pressed to open the file  else  {  lbl.setText("Click Read to Get the Next Line");  openFile();    btn1.setEnabled(true);  btn2.setEnabled(false);  }    }//end if    }//end actionPerformed(ActionEvent)    //Main  public static void main(String[] args)  {  new GUI();  }    } |
| Screenshots: |