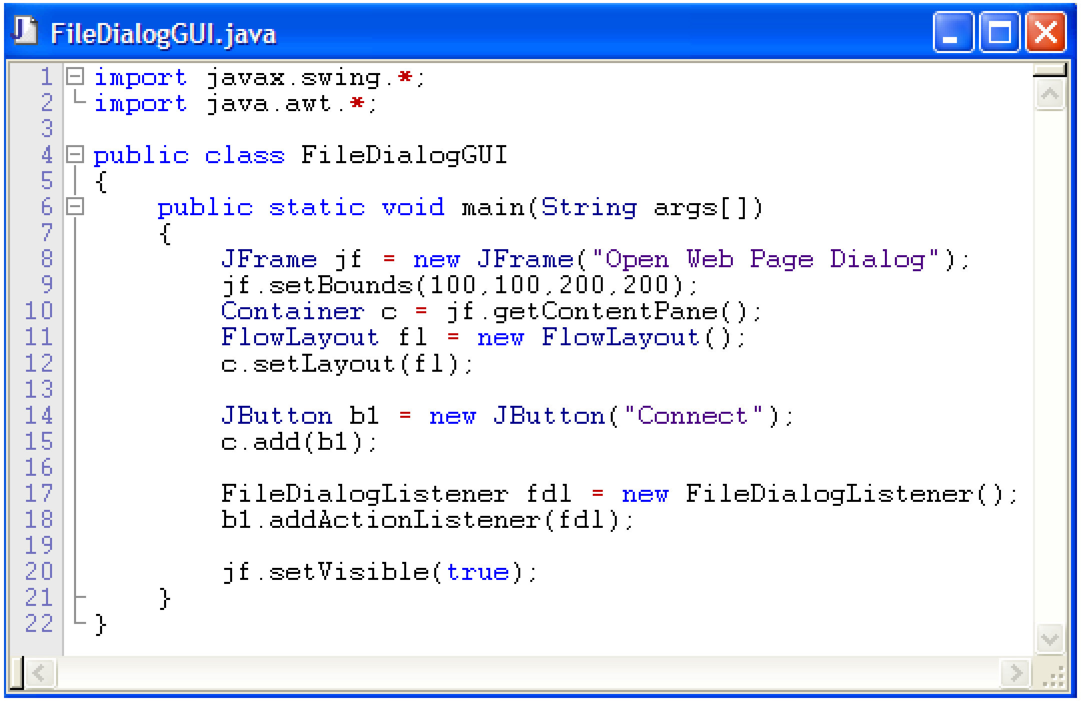
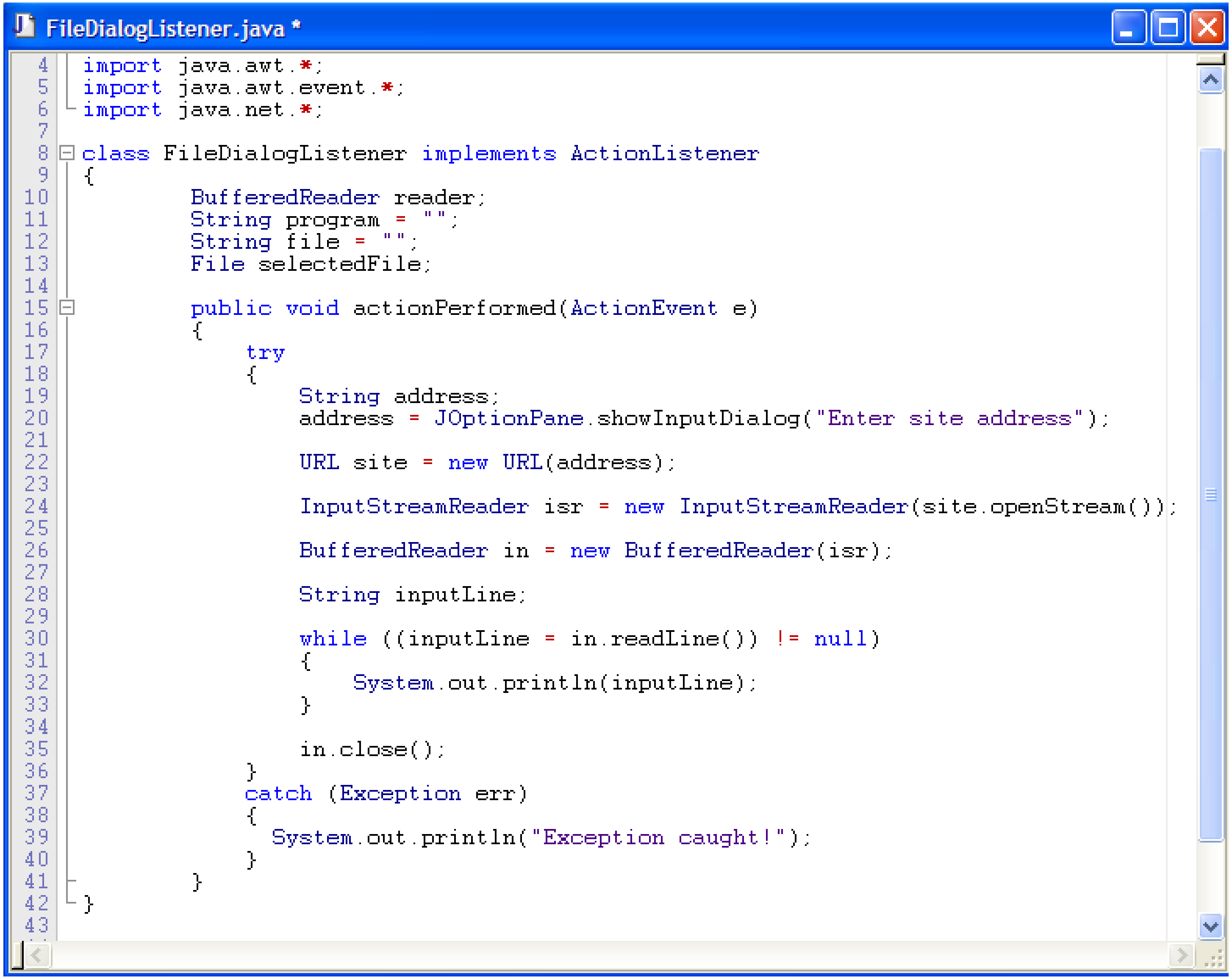
Using A GUI to Read File



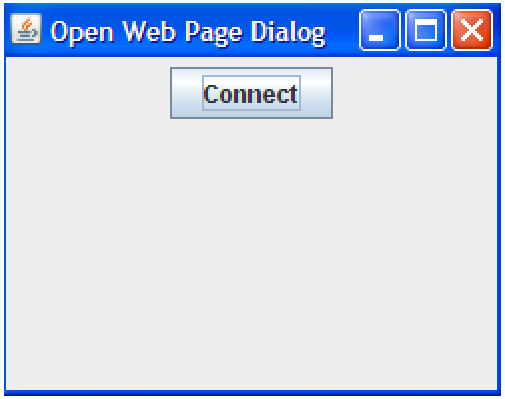
```
import javax.swing.*;
import java.awt.*;

public class FileDialogGUI
{
    public static void main(String args[])
    {
        JFrame jf = new JFrame("Open Web Page Dialog");
        jf.setBounds(100,100,200,200);
        Container c = jf.getContentPane();
        FlowLayout fl = new FlowLayout();
        c.setLayout(fl);

        JButton b1 = new JButton("Connect");
        c.add(b1);

        FileDialogListener fdl = new FileDialogListener();
        b1.addActionListener(fdl);

        jf.setVisible(true);
    }
}
```

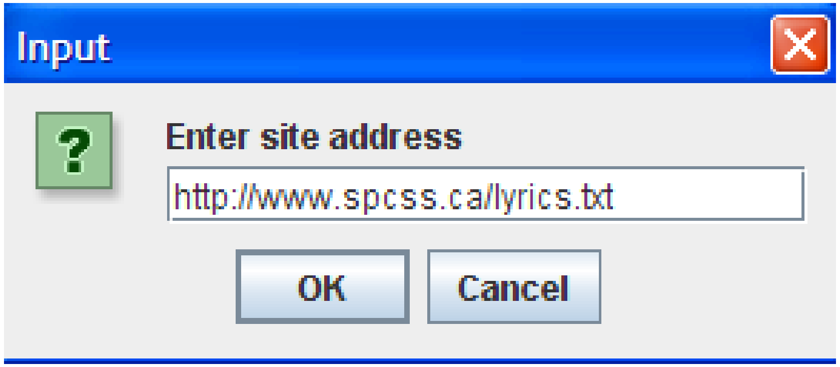
Add the Listener



```java
import java.awt.*;
import java.awt.event.*;
import java.net.*;

class FileDialogListener implements ActionListener
{
        BufferedReader reader;
        String program = "";
        String file = "";
        File selectedFile;

        public void actionPerformed(ActionEvent e)
        {
            try
            {
                String address;
                address = JOptionPane.showInputDialog("Enter site address");

                URL site = new URL(address);

                InputStreamReader isr = new InputStreamReader(site.openStream());

                BufferedReader in = new BufferedReader(isr);

                String inputLine;

                while ((inputLine = in.readLine()) != null)
                {
                    System.out.println(inputLine);
                }

                in.close();
            }
            catch (Exception err)
            {
              System.out.println("Exception caught!");
            }
        }
}
```

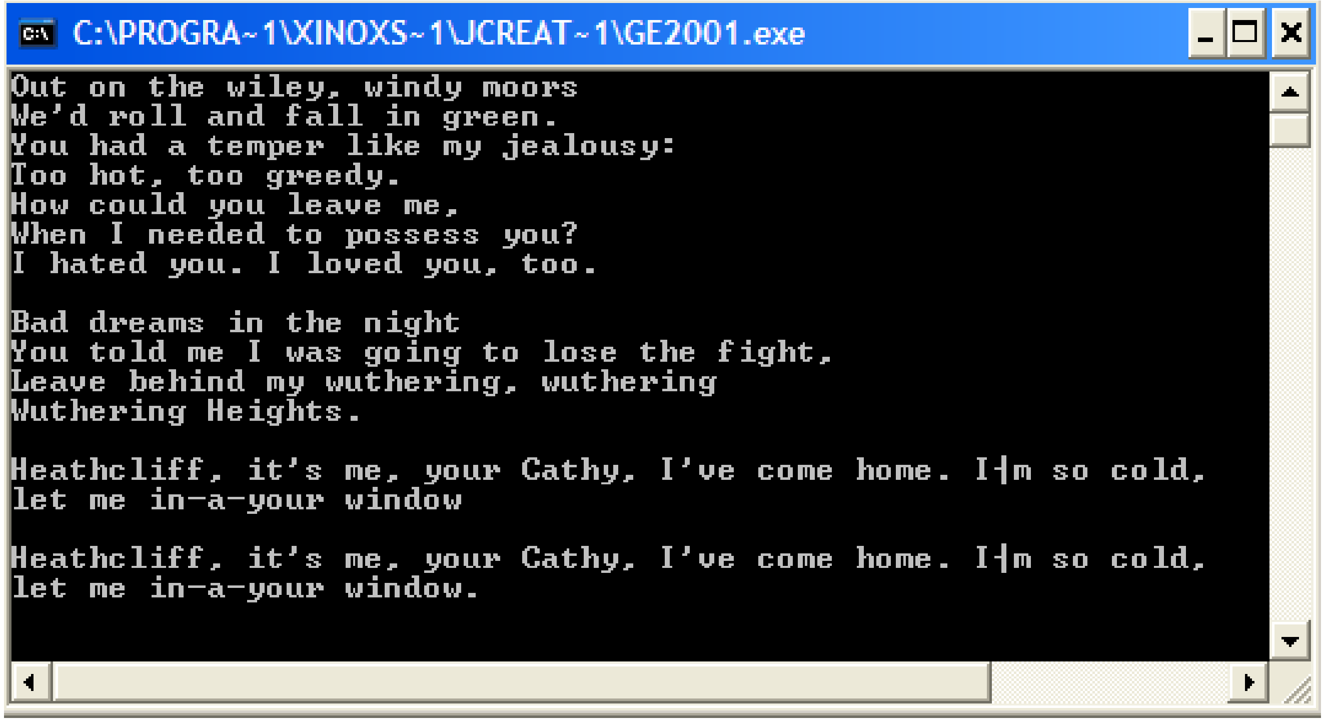
Run the Program





Enter site address

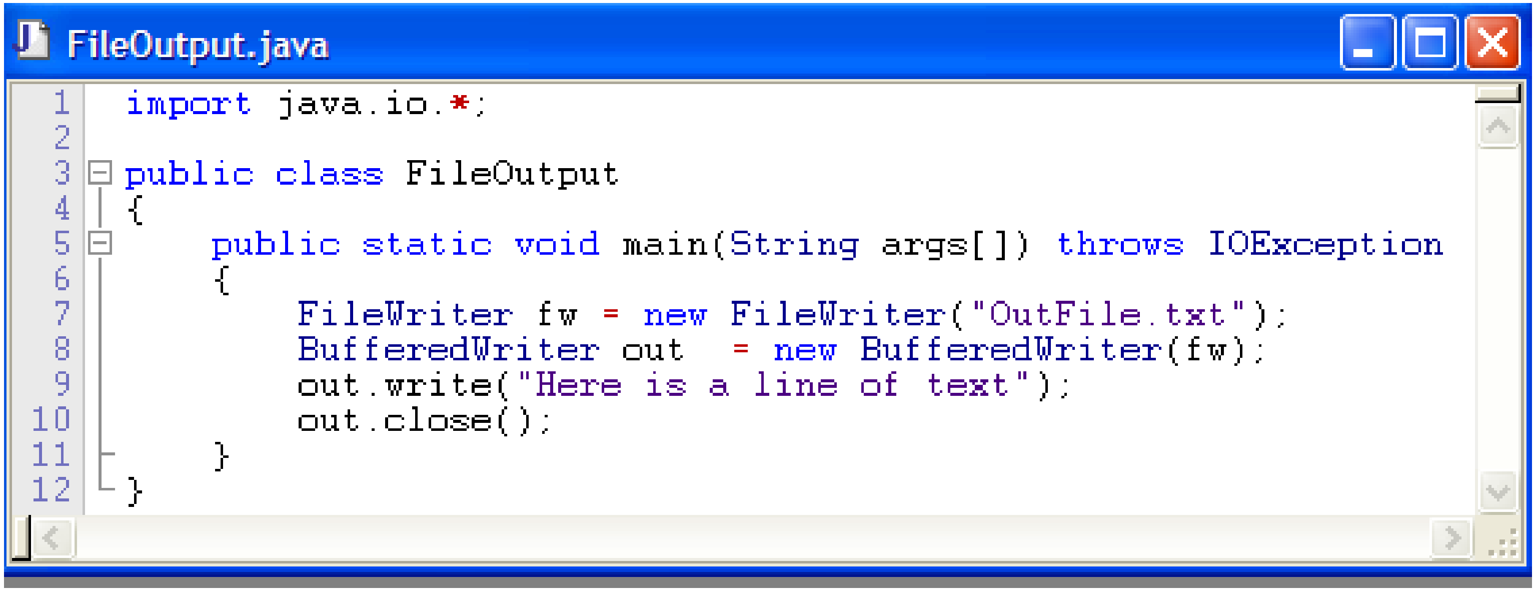
http://www.spcss.ca/lyrics.txt



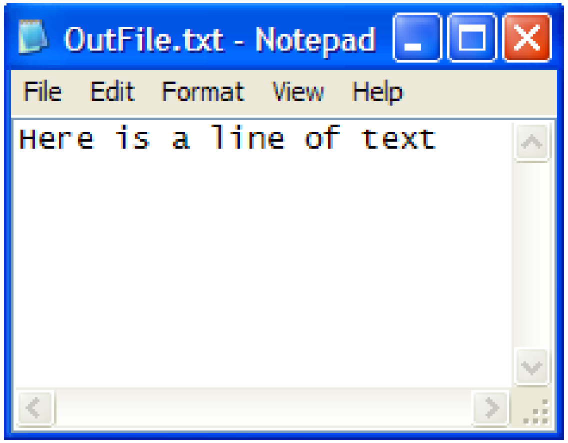
```
Out on the wiley, windy moors
We'd roll and fall in green.
You had a temper like my jealousy:
Too hot, too greedy.
How could you leave me,
When I needed to possess you?
I hated you. I loved you, too.

Bad dreams in the night
You told me I was going to lose the fight,
Leave behind my wuthering, wuthering
Wuthering Heights.

Heathcliff, it's me, your Cathy, I've come home. I┤m so cold,
let me in-a-your window

Heathcliff, it's me, your Cathy, I've come home. I┤m so cold,
let me in-a-your window.
```

File Writing

The following code writes the words, ‘Here is a line of text’ to a text file called ‘OutFile.txt’. If this file does not exist, a file is automatically created.



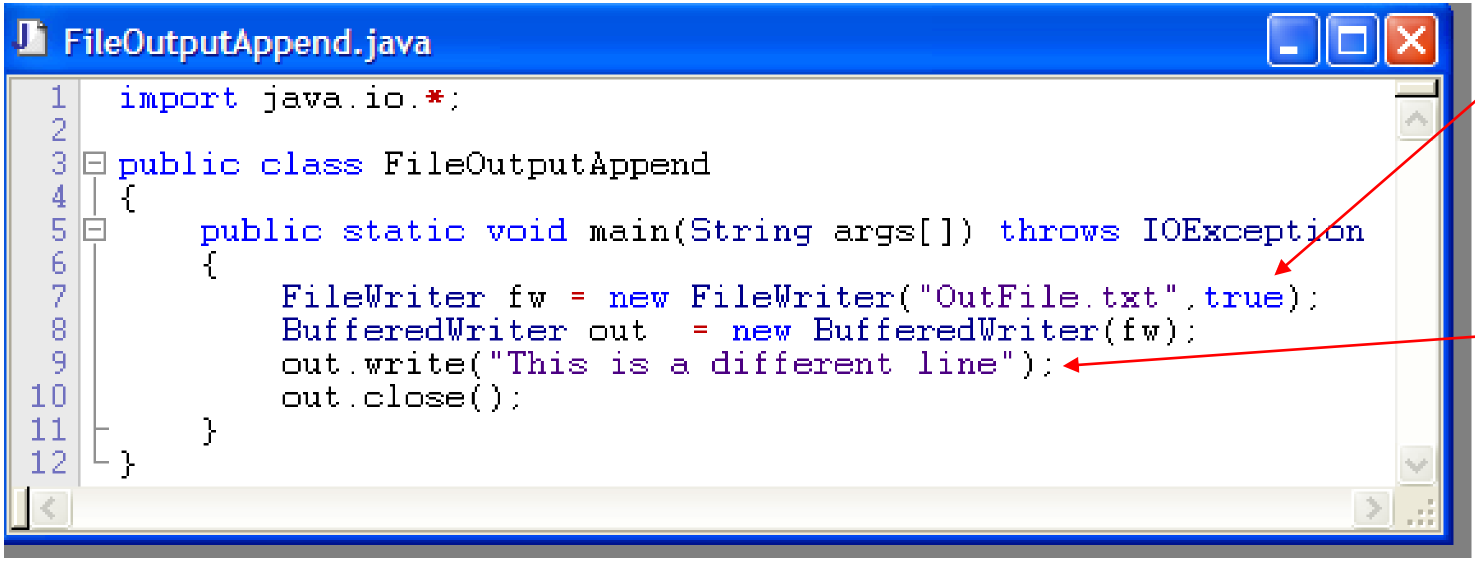
```
import java.io.*;

public class FileOutput
{
    public static void main(String args[]) throws IOException
    {
        FileWriter fw = new FileWriter("OutFile.txt");
        BufferedWriter out  = new BufferedWriter(fw);
        out.write("Here is a line of text");
        out.close();
    }
}
```



```
Here is a line of text
```

Append Data to a File

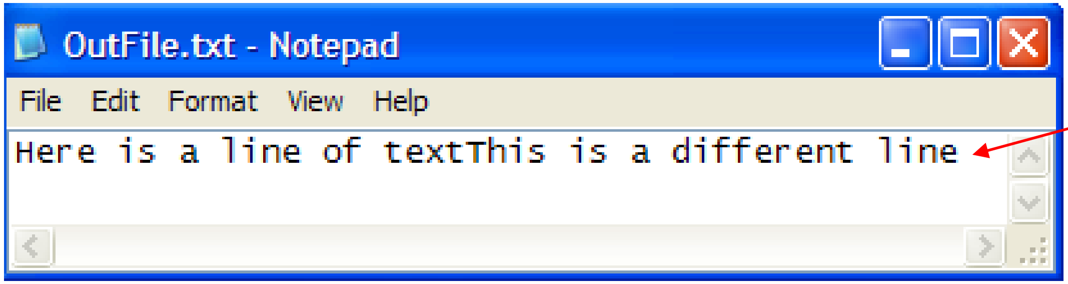
If data is output to a file, the data that may have already been here is over-written or lost. However, with the addition of a single argument to the FileWriter object, the data may be appended or added to any data that may already exist in the file.



```java
import java.io.*;

public class FileOutputAppend
{
    public static void main(String args[]) throws IOException
    {
        FileWriter fw = new FileWriter("OutFile.txt",true);
        BufferedWriter out  = new BufferedWriter(fw);
        out.write("This is a different line");
        out.close();
    }
}
```

Adding the keyword true here cause data to be appended.

Note text being output.

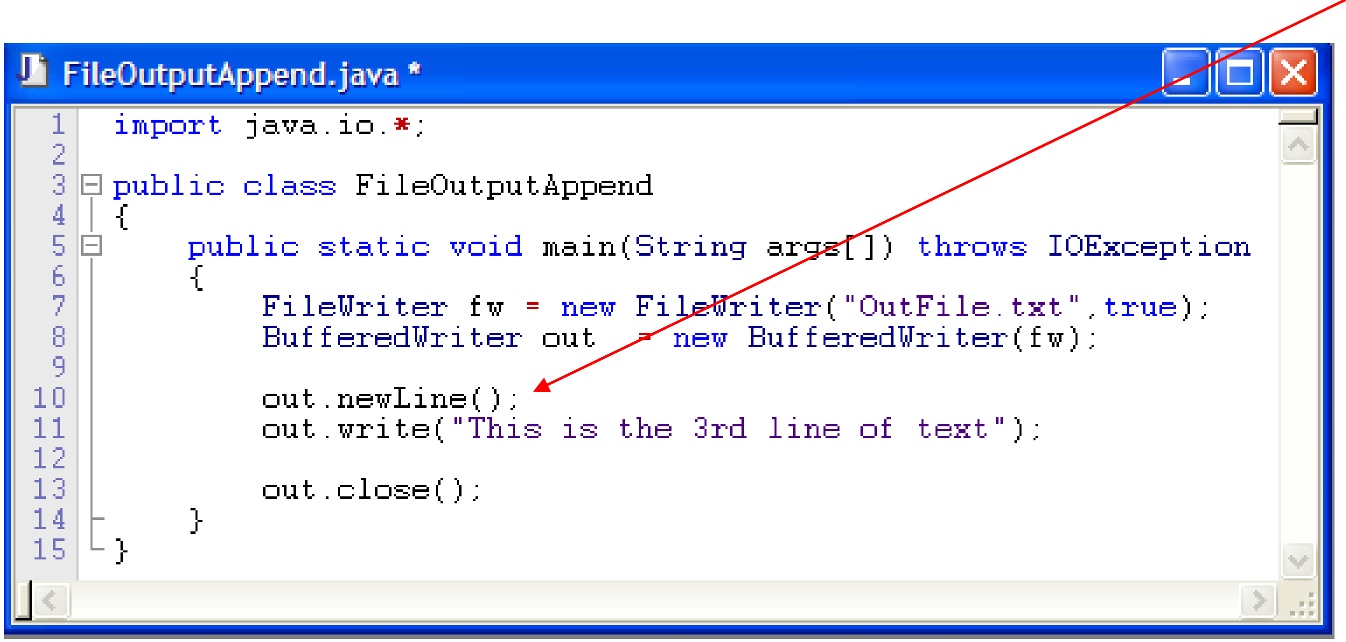


```
Here is a line of textThis is a different line
```

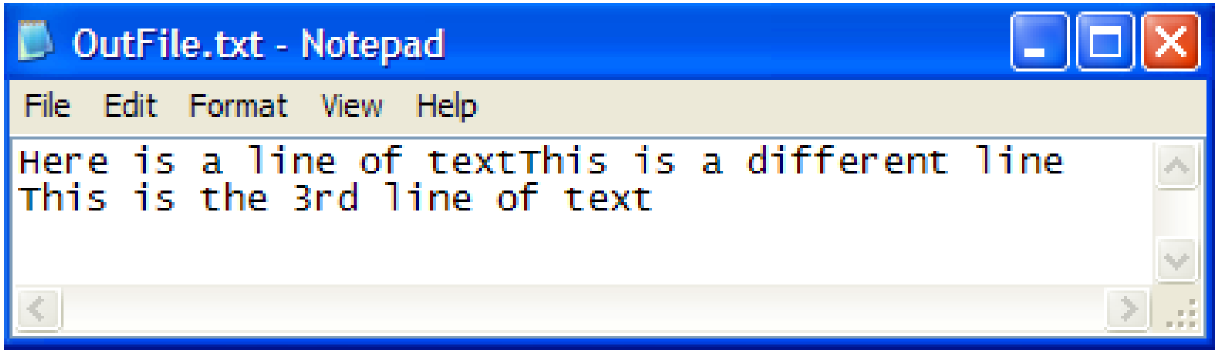
Note that this text is added to previous text.

Appending to New Line

The problem with the previous text be appended is that it was on the same line as the original text. To get around this problem we can add the .newLine() syntax.

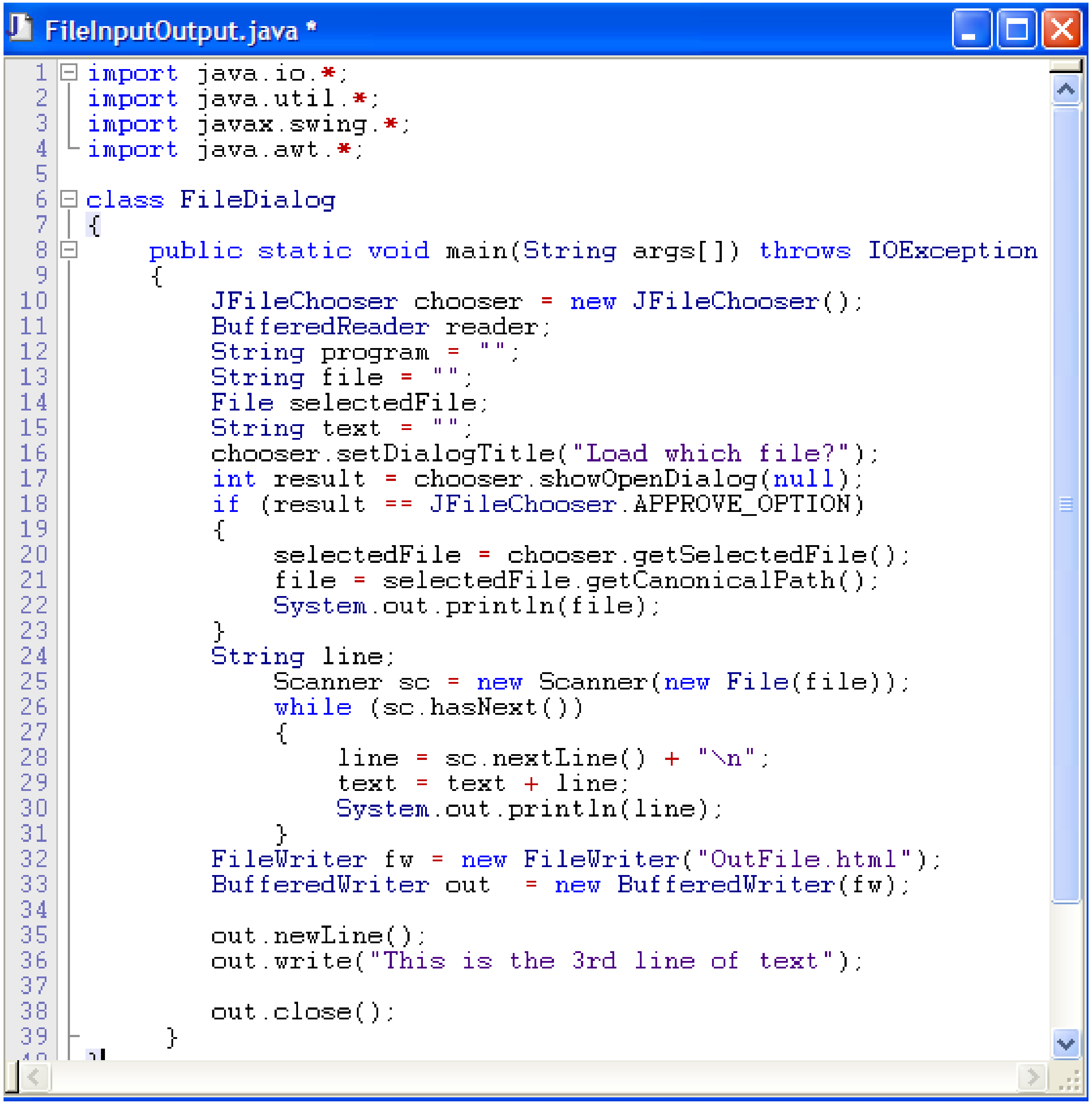


```java
import java.io.*;

public class FileOutputAppend
{
    public static void main(String args[]) throws IOException
    {
        FileWriter fw = new FileWriter("OutFile.txt",true);
        BufferedWriter out  = new BufferedWriter(fw);

        out.newLine();
        out.write("This is the 3rd line of text");

        out.close();
    }
}
```



```
Here is a line of textThis is a different line
This is the 3rd line of text
```

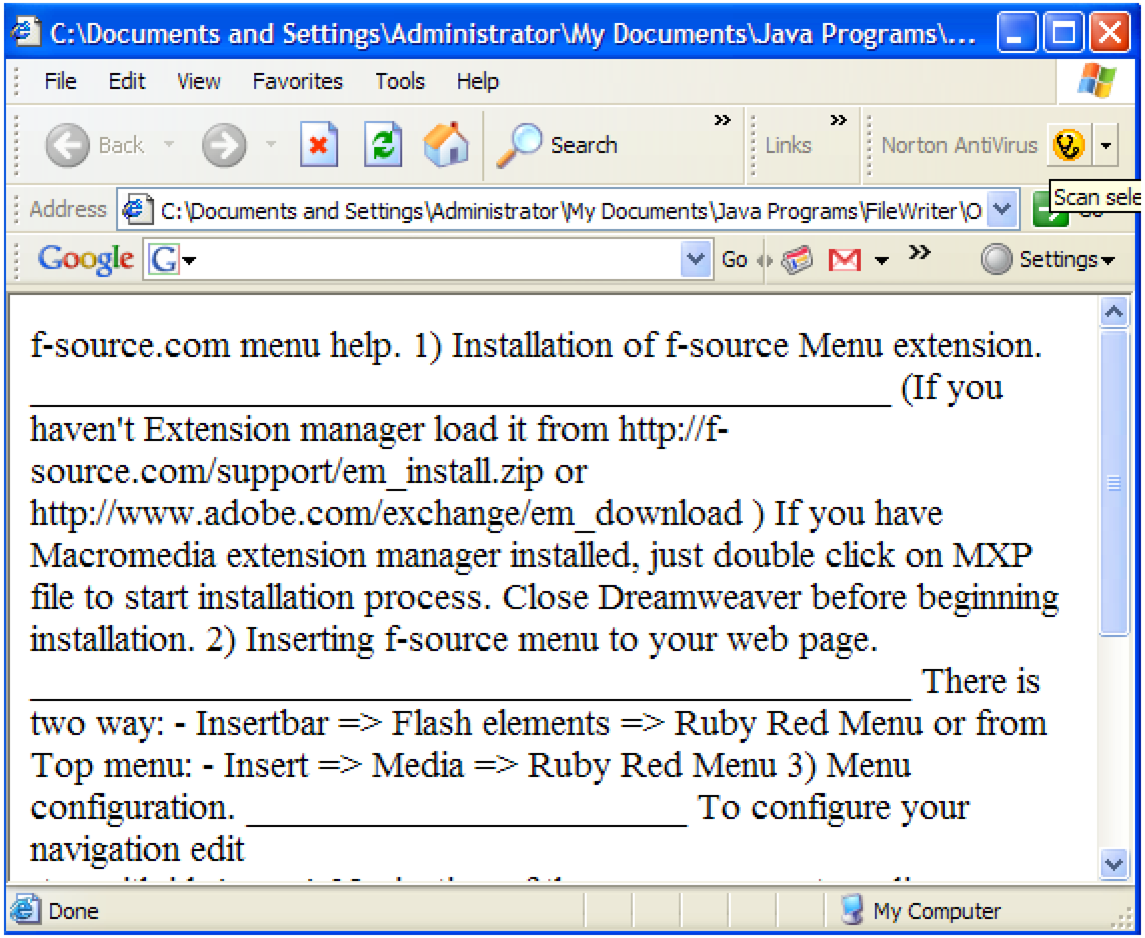
Import aTextFile and Export a HTML File



```java
import java.io.*;
import java.util.*;
import javax.swing.*;
import java.awt.*;

class FileDialog
{
    public static void main(String args[]) throws IOException
    {
        JFileChooser chooser = new JFileChooser();
        BufferedReader reader;
        String program = "";
        String file = "";
        File selectedFile;
        String text = "";
        chooser.setDialogTitle("Load which file?");
        int result = chooser.showOpenDialog(null);
        if (result == JFileChooser.APPROVE_OPTION)
        {
            selectedFile = chooser.getSelectedFile();
            file = selectedFile.getCanonicalPath();
            System.out.println(file);
        }
        String line;
            Scanner sc = new Scanner(new File(file));
            while (sc.hasNext())
            {
                line = sc.nextLine() + "\n";
                text = text + line;
                System.out.println(line);
            }
        FileWriter fw = new FileWriter("OutFile.html");
        BufferedWriter out  = new BufferedWriter(fw);

        out.newLine();
        out.write("This is the 3rd line of text");

        out.close();
     }
}
```

The Result

OutFile.html
HTML Document
2 KB



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File
Edit
View
Favorites
Tools
Help
Back
Search
Links
Norton AntiVirus
Scan sele
Address
C:\Documents and Settings\Administrator\My Documents\Java Programs\FileWriter\O
Google
Go
Settings
Done
My Computer

f-source.com menu help. 1) Installation of f-source Menu extension. ________________________________ (If you haven't Extension manager load it from http://f-source.com/support/em_install.zip or http://www.adobe.com/exchange/em_download) If you have Macromedia extension manager installed, just double click on MXP file to start installation process. Close Dreamweaver before beginning installation. 2) Inserting f-source menu to your web page. ________________________________ There is two way: - Insertbar => Flash elements => Ruby Red Menu or from Top menu: - Insert => Media => Ruby Red Menu 3) Menu configuration. ________________ To configure your navigation edit