## COMP 1231: Assignment 3: Question 2

BlueJ Terminal Window Upon Running: bookTitles.inp

```
BlueJ: Terminal Window - DuplicateTitles

Output file has been created: duplicateTitles.out.txt

Can only enter input while your programming is running
```

bookTitles.inp contents:

```
East of Eden
Moneyball
The Big Short: Inside the Doomsday Machine
1984
The Grapes of Wrath
The Curious Incident of the Dog in the Night-time
Calculus: Early Transcendentals: 8th Edition
Why We Sleep
Foundation
Calculus: Early Transcendentals: 8th Edition
Calculus: Early Transcendentals: 8th Edition
Calculus: Early Transcendentals: 8th Edition
The Curious Incident of the Dog in the Night-time
The Curious Incident of the Dog in the Night-time
The Curious Incident of the Dog in the Night-time
The Curious Incident of the Dog in the Night-time
The Big Short: Inside the Doomsday Machine
```

duplicateTitles.out.txt output:

```
duplicateTitles.out.txt 
Calculus: Early Transcendentals: 8th Edition
The Curious Incident of the Dog in the Night-time
The Big Short: Inside the Doomsday Machine
```

Program run with bookTitles.inp having duplicates:

```
bookTitles.inp

East of Eden
Moneyball
The Big Short: Inside the Doomsday Machine
1984
The Grapes of Wrath
The Curious Incident of the Dog in the Night-time
Calculus: Early Transcendentals: 8th Edition
Why We Sleep
Foundation
```

## duplicateTitles.out output:



Incorrect filename throws FileNotFoundException:

```
DuplicateTitles - DuplicateTitles
DuplicateTitles ×
                                                                                 Source Code
* DuplicateTitles.java
                                   Module 3: Exceptions; Assignment 3: Question 2
   * Michael Kuby
   * Oct. 20, 2021
7
   * Reads all of the titles from an input file, determines for which titles there are du
   * writes the names of the duplicate titles to an output file.
10
12
   import java.io.*;
public class DuplicateTitles
15 {
16
      public static void main (String [] args) throws IOException
17
18
           // Prepare for input stream by denoting the file name, creating a buffer, and a
19
20
           String fileNameIn = "bookTitles.inp.txts";
BufferedReader in = new BufferedReader ( new FileReader (fileNameIn) );
21
22
           String currentTitle = in.readLine();
23
24
java.io.FileNotFoundException:
bookTitles.inp.txts (No such file or directory) (in java.io.FileInputStream)
```