Section Activity #4: The Duplicator

Your Names: _____

Directions: In groups of two (or three, if need be), complete the following activity. This section activity will be graded; all students in the group will receive the same score. Make sure that the names of all group members are on the page you submit to your section leader. Section Meeting 8 (2014/03/04-05)

Task: Complete the following Java program so that it uses `BufferedReader`'s `read()` method and `BufferedWriter`'s `write()` method to make a copy of a text file. Both the existing file's name and the new copy's name are given on the command line. You may assume that the existing file is readable and the new file can be created and written to, but you still have to catch Java's exceptions. Should an exception occur, print a meaningful error message to the screen and terminate the program.

```java
import java.io.*;

public class Duplicator
{

    public static void main (String [] args)
    {
        // Declare necessary variables here










                    // open both files
        try {








        } catch (IOException e) {
            System.out.println("ERROR:  Cannot output the files.");
            System.exit(1);
        }

```

```
36                      // Repeatedly read and write characters to and from the files
37                      // until read() tells you to stop reading.  Remember the
38                      // try/catch blocks around I/O operations!
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79                      // Having exhausted the input file, close both files.
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89      }  // main
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91  } // Duplicator
```