CIT 249-57Z1
Chapter 19
Programming Assignment 1

Complete # 13 on page 735 of your book. The layout will be the same as for the third lab except the first label. The layout is shown at the bottom of page 673 in Figure 19.20 b. The file for joining the 3 files together is similar to the splitFiles() method in the third lab with the exception that the lines of:

```
System.out.println("File size: " + input.available() + " bytes");
long fileSize = input.available();
int splitFileSize = (int) Math.ceil(1.0 * fileSize / numberOfPieces);
```

are not needed. Instead of a BufferedOutputStream you will use a BufferedInputStream, you will not need a variable for counting, and your while loop will have parameters of:

```
value = input.read()) != -1
```

Where the variable value is the name of the integer created for a value, input is the name of the BufferedInputStream.

Include all proper documentation using comments, stating the purpose of the program. Also include your name within the block comments at the beginning of the program. Add line comments throughout.

1. Compress all files, including all text files, into a single zip or rar file and submit to the drop box for this assignment.