

# LAB211 Assignment

Type:  
Code:  
LOC:  
Slot(s):

Short Assignment  
J1.S.H210  
40  
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## Title

**flipLines**

## Background

N/A

## Program Specifications

Write a method named `flipLines` that accepts as its parameter a `Scanner` for an input file and that writes to the console the same file's contents with successive pairs of lines reversed in order. For example, if the input file contains the following text:

Twas brillig and the slithy toves

did gyre and gimble in the wabe.

All mimesey were the borogroves,

and the mome raths outgrabe.

"Beware the Jabberwock, my son,

the jaws that bite, the claws that catch,

Beware the JubJub bird and shun

the frumious bandersnatch."

The program should print the first pair of lines in reverse order, then the second pair in reverse order, then the third pair in reverse order, and so on. Therefore your method should produce the following output to the console:

did gyre and gimble in the wabe.

Twas brillig and the slithy toves

and the mome raths outgrabe.

All mimesey were the borogroves,

"Beware the Jabberwock, my son,

Beware the JubJub bird and shun

the jaws that bite, the claws that catch,

the frumious bandersnatch."

Notice that a line can be blank, as in the third pair. Also notice that an input file can have an odd number of lines, as in the one above, in which case the last line is printed in its original position. You may not make any assumptions about how many lines are in the Scanner.