

CS 3733 Operating Systems — Fall 2003 Assignment 4

Name _____

Consecutively number the pages and fill in the table of contents below. Put a check mark in the box if you think the part was done correctly.

Part 0	fdrecevier _____	pipereceiver _____	lint _____	Correct?	<input type="checkbox"/>
Part 1	fdsender _____	pipesender _____	lint _____	Correct?	<input type="checkbox"/>
Part 2	filesreceiver _____		lint _____	Correct?	<input type="checkbox"/>
Part 3	filesender _____		lint _____	Correct?	<input type="checkbox"/>
Part 4	filesreceiver _____	fdreceiver _____	lint _____	Correct?	<input type="checkbox"/>
Part 4	filesreceiver output _____			Correct?	<input type="checkbox"/>
Part 4	filesender output _____			Correct?	<input type="checkbox"/>
Part 4	ls -l output _____			Correct?	<input type="checkbox"/>
Extra Credit	filesreceiver _____	fdreceiver _____	lint _____	Correct?	<input type="checkbox"/>
Extra Credit	filesreceiver output _____			Correct?	<input type="checkbox"/>
Extra Credit	filesender output _____			Correct?	<input type="checkbox"/>
Extra Credit	ls -l output _____			Correct?	<input type="checkbox"/>

There is a problem with termination of programs that call `fdreceiver` since they cannot distinguish between an end of file and a file that contains 0 bytes. There are several ways of handling this. The simplest way is to assume that no files contain 0 bytes. Alternatively, you can avoid sending files of 0 length. This can be implemented in either `filesender` or `fdsender`. Describe how you handled this problem on the back of this cover sheet.

If you think everything you did is correct, check here: ☐

Otherwise, give a brief description of what is working and what progress was made on the part that is not working: