CS4540 – Operating Systems
Assignment 2. Pipes
Due October 16

Design a program using ordinary pipes in which one process sends a string message to a second process, and the second process reverses the case of each character (lower to upper, upper to lower) in the received message, and sends the reverse-case message to the first process. For example, if the first process sends the message "Hi There" the second process will reply it with "hI tHERE".

The program requires using two pipes: one for sending the original message from Process 1 to Process 2, and the other for sending the reverse-case message from Process 2 to Process 1.

Remember about the proper programming style (it will be graded!), including comments, indentation, use of blank lines, etc. Also, provide a README file explaining how to compile and run your file.