I/O Redirection and Piping and cd

Add the ability to redirect input and output to your shell.

You will need to add support for:

redirecting stdin: <

redirecting stdout: >

piping: |

So, your shell should support the following:

cat < file   (redirecting stdin)

ls > file   (redirecting stdout)

ls | sort   (piping)

ls -l > file

ls -l | sort

cd ..   (change to the parent directory)

cd /etc   (change to the /etc directory)

Hints:

- chdir()
- you can fork() your fork()