

Task 1:

Create an application for copying files with a help of `sendfile()` linux function.

Function `main()` and function for copying MUST be placed in a different files. File with function for copying (which use `sendfile()` internally) must be built to static library. During the build process file with `main()` must be linked with a created static library. Copied file must be a FULL copy of the original one (except full path/name of course). To enter original file name and name of the copy could be used program arguments or input during the execution. For build process must be used `makefile`.

Task 2:

Create an application which opens unnamed pipe and creates new process using `fork()`. After that child process writes to pipe message "Hi daddy, I'm your child!" and finishes its execution. Parent process must read this message from a pipe, append string "Hi!" to the end. After that parent process must save final text with two messages to file on a disk. `Makefile` must be used as a build system.

P.S. It is not needed to create a library in this task.