

# Homework 4

Write a program called `uplister`:

- Prints out all files (not directories) in current directory
- Goes up one directory and prints out all non-directory files in that directory. Repeat using recursion.

Use the functions `opendir`, `readdir`, and `closedir` to open and read the current directory's contents. The name of the current directory can be found using

```
char *getcwd(char *buf, size_t size);
```

- You may also read about that command using `man getcwd`.
- Use additional two-space indenting per each new directory.
- The output should resemble:

```
uplister.c
uplister
DIRUP1
  abc.c
  efgh.c
DIRUP2
  ijkl.c
  mno.c
  pqr.dat
```