

Read about file IO in LYAHFGG. Recall the primitive file IO commands as discussed in LYAHFGG.

```
writeFile :: FilePath -> String -> IO ()  
appendFile :: FilePath -> String -> IO ()  
readFile :: FilePath -> IO String
```

Exercise 0.1. Write and compile a program `cp.hs` that expects two arguments which are file names and copies the first to the second. What will you do if the second file already exists?

Exercise 0.2. Write and compile a program `grep.hs` that, given a string (say `s`) and a filename (say `fn`), prints to the screen (think `putStrLn`) all lines of the file that contain the string `s` as a substring¹.

¹Note that the real `grep` command takes a regular expression as an argument - your program need only take a fixed string.