

**HW 22****Due:** 7 December 2006**Prof. Caldwell****COSC 3015**

Recall from class the primitive file IO commands.

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

**Exercise 0.1.** Write a function `cp fn1 fn2` that copies file `fn1` to file `fn2`.

```
cpFile :: FilePath -> FilePath -> IO()
```

**Exercise 0.2.** Write a function `grep fn s` that, given a file path `fn`, prints to the screen (think `putStrLn`) all lines that contain the string `s` as a substring.

```
grep :: FilePath -> String -> IO()
```