

## PROBLEM STATEMENT LOOKUP SCRIPT

### The lookup script

You need to write a shell script “lookup” that takes a string *s* as input (argument) and outputs each file that either has *s* in its file name or contains *s* in its file content (if you try to lookup xyz and the file name is axyz1.c, then, it is a match). You can use “fgrep” to test whether a file contains a certain string. You need to use the change directory command “cd” to achieve traversal.

You may use “pushd” and “popd” to manipulate the stack of directories during traversal, but it is not really necessary. During traversal, print out each file and each directory you visited. Please note that you have to do your own traversal of the directory structure for lookup instead of using an existing command (like find) to find the matches. Also, you should start looking up from current directory.