H.W #5

Will need Word class:

Two data fields:

String text; // actual word, key
ArrayList<String> files; // list of files containing
// this word.

methods:

1. getters/setters
2. compareTo: key is text
3. add(String f): Adds f to file list
void scanFiles(File folder)
{
    // Get all files/subdirectories in folder
    List = folder.listFiles();

    for each file in list:
        if (file is not hidden)
            if file is a directory
                scanFiles(file)
            else
                add text from the file to BST

    To add text from a file to BST

    For each word in the file:
        create a Word object, w (key is text)
        if (w is in tree)
            get w from tree
            add file to w's file list
        else // not in tree
            add file to w's file list
            insert w in tree