FileMethods.java

```java
package LockedMe.com;

import java.io.File;
import java.io.IOException;
import java.util.ArrayList;


public class FileMethods {
    //Adding of file function
    protected static void fileAdd(String fileName) {
        File file = new File("/Users/amitkshah/Desktop/SimpliLearn_Project" + "/" + fileName);
        try
        {
            if(file.createNewFile())
            {
                System.out.println("File has been CREATED!");
            }
            else
                System.out.println("File already exists.");
        }
        catch(IOException e){
            e.printStackTrace();
        }
    }

    // Deletion of file
    protected static void fileDel(String fileName)
    {
        File file = new File("/Users/amitkshah/Desktop/SimpliLearn_Project" + "/" + fileName);
        if(file.exists())
        {
            if(file.delete())
            {
                System.out.println("File has been DELETED!");
            }
            else
            {
                System.out.println("File NOT deleted");
            }
        }
        else
            System.out.println("No such file exists!");
    }

    //File search function
    protected static void fileSearch(String fileName)
    {
        File file = new File("/Users/amitkshah/Desktop/SimpliLearn_Project" + "/" + fileName);
        if(file.exists())
        {
            System.out.println("File EXISTS: " + fileName);
        }
        else
        {
            System.out.println("File does NOT exist");
        }


    }
    //Bubble sort
    protected static String[] sort_sub(String array[], int size){
        String temp = "";
        for(int i=0; i<size; i++){
            for(int j=1; j<(size-i); j++){
                if(array[j-1].compareToIgnoreCase(array[j])>0){
                    temp = array[j-1];
                    array[j-1]=array[j];
                    array[j]=temp;
```

```
                }
            }
        }
        return array;
    }
    //Listing of file
    protected static void listFiles() {

        int fileCount = 0;
        ArrayList<String> filenames = new ArrayList<String>();

        File directoryPath = new File("/Users/amitkshah/Desktop/SimpliLearn_Project");
        File[] listOfFiles = directoryPath.listFiles();
        fileCount = listOfFiles.length;


        System.out.println("Files in ascending order: ");
        for (int i = 0; i < fileCount; i++) {
            if (listOfFiles[i].isFile()) {
                filenames.add(listOfFiles[i].getName());
            }
        }

        String[] str = new String[filenames.size()];

        for (int i = 0; i < filenames.size(); i++) {
            str[i] = filenames.get(i);
        }

        String[] sorted_filenames = sort_sub(str, str.length);

        for(String currentFile: sorted_filenames) {
            System.out.println(currentFile);
        }

    }
}
```