**package** com.caltech.projectphase1;

**import** java.io.File;

**import** java.io.IOException;

**import** java.util.Scanner;

**public** **class** FileSearch {

//search the files

**public** **void** FileLookup () **throws** IOException {

String path="C:\\Caltech\\";

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Please enter the file to search.");

String filenamesearch=sc.next();

File file=**new** File(path);

//display operation

File filename[]=file.listFiles();

//for-each

**int** flag=0;

**for**(File ff:filename) {

**if**(ff.getName().equals(filenamesearch)) {

flag=1;

**break**;

}

**else** {

flag=0;

}

}

**if**(flag==1) {

System.***out***.println("File is found");

}

**else** {

System.***out***.println("File is not found");

}

}

}