

JAVA EXAMPLES - DISPLAY DIRECTORIES IN A DIRECTORY

http://www.tutorialspoint.com/javaexamples/dir_display.htm

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Problem Description:

How to display all the directories in a directory?

Solution:

Following example shows how to display all the directories contained in a directory making a filter which list method of File class.

```
import java.io.*;

class Main {
    public static void main(String[] args) {
        File dir = new File("F:");
        File[] files = dir.listFiles();
        FileFilter fileFilter = new FileFilter() {
            public boolean accept(File file) {
                return file.isDirectory();
            }
        };
        files = dir.listFiles(fileFilter);
        System.out.println(files.length);
        if (files.length == 0) {
            System.out.println("Either dir does not exist
            or is not a directory");
        }
        else {
            for (int i=0; i< files.length; i++) {
                File filename = files[i];
                System.out.println(filename.toString());
            }
        }
    }
}
```

Result:

The above code sample will produce the following result.

```
14
F:\C Drive Data Old HDD
F:\Desktop1
F:\harsh
F:\hharsh final
F:\hhhh
F:\mov
F:\msdownld.tmp
F:\New Folder
F:\ravi
F:\ravi3
F:\RECYCLER
F:\System Volume Information
F:\temp
F:\work
```