

Note: Every thread in Java by default join with main thread as a last statement of the main method. this ensure that untill all the threads get executed completely main thread does not dies.

Starting a thread without using Runnable :

Demo.java:

package com.masai;

public class Demo {

public static void main(String[] args) {

Thread tr1 = new Thread(() -> {

for(int i=0;i<20;i++) {

System.out.println("inside run method of X :"+i);

}

});

tr1.start();

for(int i=40;i<50;i++) {

System.out.println("inside main method of Demo :"+i);

}

}

}

Files and IO-streams:

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package com.masai;

import java.io.File;

```
public class Demo {

    public static void readFiles(File f) {

        File[] files= f.listFiles();

        for(File file:files) {

            if(file.isDirectory())
                readFiles(file);
            else
                System.out.println(file.getName());

        }

    }

    public static void main(String[] args) {

        File file= new File("d://xyz");

        readFiles(file);

    }

}
```