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Q1.

```java
import java.io.*;
public class Q1 {
    public static void main (String[] args) throws IOException
    {
        PrintWriter writerThree = new PrintWriter ("three.txt");

        PrintWriter writerOne = new PrintWriter ("One.txt");
        writerOne.println (" line 11");
        writerOne.println (" line 21");
        writerOne.println (" line 31");
        writerOne.println (" line 41");
        writerOne.println (" line 51");
        writerOne.close ();
        PrintWriter writerTwo = new PrintWriter ("two.txt");

        writerTwo.println (" line 1");
        writerTwo.println (" line 2");
        writerTwo.println (" line 3");
        writerTwo.println (" line 4");
        writerTwo.println (" line 5");

        writerTwo.close ();

        BufferedReader br1 = new BufferedReader (
                  new FileReader ("One.txt"));
```

```java
BufferedReader br2 = new BufferedReader(new FileReader(
                    "two.txt"));

String line1, line2;
while ((line1 = br1.readline())!= null && (line2 = br2.readline())
        != null) {

        writerThree.println(line1);
        writerThree.println(line2);

}

BufferedReader br = new BufferedReader(new FileReader
                    ("three.txt"));

String line = br.readline();

while (line != null) {

        writerThree.println(line);
        line = br.readline();

}

writerThree.flush();

br.close();
writerThree.close();

System.out.println("Done");

}

}
```
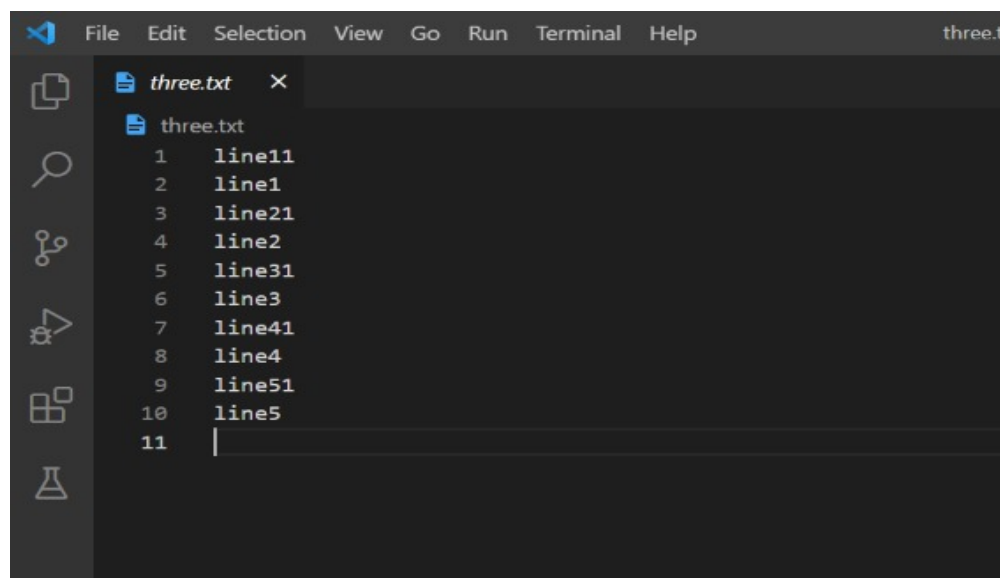
```java
1    import java.io.*;
2    public class Q1
3    {
     Run | Debug
4      public static void main(String[] args) throws IOException
5      {
6        PrintWriter writerThree = new PrintWriter("three.txt");
7
8        PrintWriter writerOne = new PrintWriter("one.txt");
9        writerOne.println("line11");
10       writerOne.println("line21");
11       writerOne.println("line31");
12       writerOne.println("line41");
13       writerOne.println("line51");
14       writerOne.close();
15
16
17       PrintWriter writerTwo = new PrintWriter("two.txt");
18       writerTwo.println("line1");
19       writerTwo.println("line2");
20       writerTwo.println("line3");
21       writerTwo.println("line4");
22       writerTwo.println("line5");
23       writerTwo.close();
24
25       BufferedReader br1 = new BufferedReader(new FileReader("one.txt"));
26       BufferedReader br2 = new BufferedReader(new FileReader("two.txt"));
27
28       String line1, line2;
29       while ((line1=br1.readLine())!=null && (line2=br2.readLine())!=null) {
30         writerThree.println(line1);
31         writerThree.println(line2);
32       }
33
34       BufferedReader  br = new BufferedReader(new FileReader("three.txt"));
35       String line = br.readLine();
36
37       while(line != null) {
38         writerThree.println(line);
39         line = br.readLine();
40       }
41
42       writerThree.flush();
43       br.close();
44       writerThree.close();
45       System.out.println("done");
46     }
47   }
```

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three.txt ✕

three.txt

```
 1    line11
 2    line1
 3    line21
 4    line2
 5    line31
 6    line3
 7    line41
 8    line4
 9    line51
10    line5
11
```