

import java.io.*;

public class FileReader

{

public static void main(String[] args) throws IOException

{

// PrintWriter object for file3.txt

PrintWriter pw = new PrintWriter(fileName: "file3.txt");

// BufferedReader object for file1.txt

BufferedReader br2;

try (BufferedReader br1 = new BufferedReader(new java.io.FileReader(fileName: "file1.txt"))) {

br2 = new BufferedReader(new java.io.FileReader(fileName: "file2.txt"));

String line1 = br1.readLine();

String line2 = br2.readLine();

// loop to copy lines of

// file1.txt and file2.txt

// to file3.txt alternatively

while (line1 != null || line2 != null) {

if (line1 != null) {

pw.println(line1);

line1 = br1.readLine();

}

```
// file1.txt and file2.txt  
// to file3.txt alternatively  
while (line1 != null || line2 != null) {  
    if (line1 != null) {  
        pw.println(line1);  
        line1 = br1.readLine();  
    }  
  
    if (line2 != null) {  
        pw.println(line2);  
        line2 = br2.readLine();  
    }  
}  
  
pw.flush();  
  
// closing resources  
br1.close();  
}  
br2.close();  
pw.close();  
  
System.out.println("Merged file1.txt and file2.txt alternatively into file3.txt");  
}
```

```
}
```