

```
import java.io.*;
```

```
class FileMerge
```

```
{
```

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

```
    {
```

```
        PrintWriter out = new PrintWriter("/java/file1.txt");
```

```
        out.println("line1");
```

```
        out.println("line2");
```

```
        out.println("line3");
```

```
        out.println("line4");
```

```
        out.println("line5");
```

```
        out.close();
```

```
        PrintWriter out2 = new PrintWriter("/java/file2.txt");
```

```
        out.println("line11");
```

```
        out.println("line22");
```

```
        out.println("line33");
```

```
        out.println("line44");
```

```
        out.println("line55");
```

```
        out2.close();
```

```
        PrintWriter pw = new PrintWriter("/java/file3.txt");
```

```
        BufferedReader br1 = new BufferedReader(new FileReader("/java/file1.txt"));
```

```
        BufferedReader br2 = new BufferedReader(new FileReader("/java/file2.txt"));
```

```
String line1 = br1.readLine();
String line2 = br2.readLine();

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();

br1.close();
br2.close();
pw.close();

System.out.println("Merged file1.txt and file2.txt into file3.txt");
}
}
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19043.1052]
(c) Microsoft Corporation. All rights reserved.

E:\java>javac FileMerge.java

E:\java>java FileMerge
Merged file1.txt and file2.txt into file3.txt

E:\java>
```

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