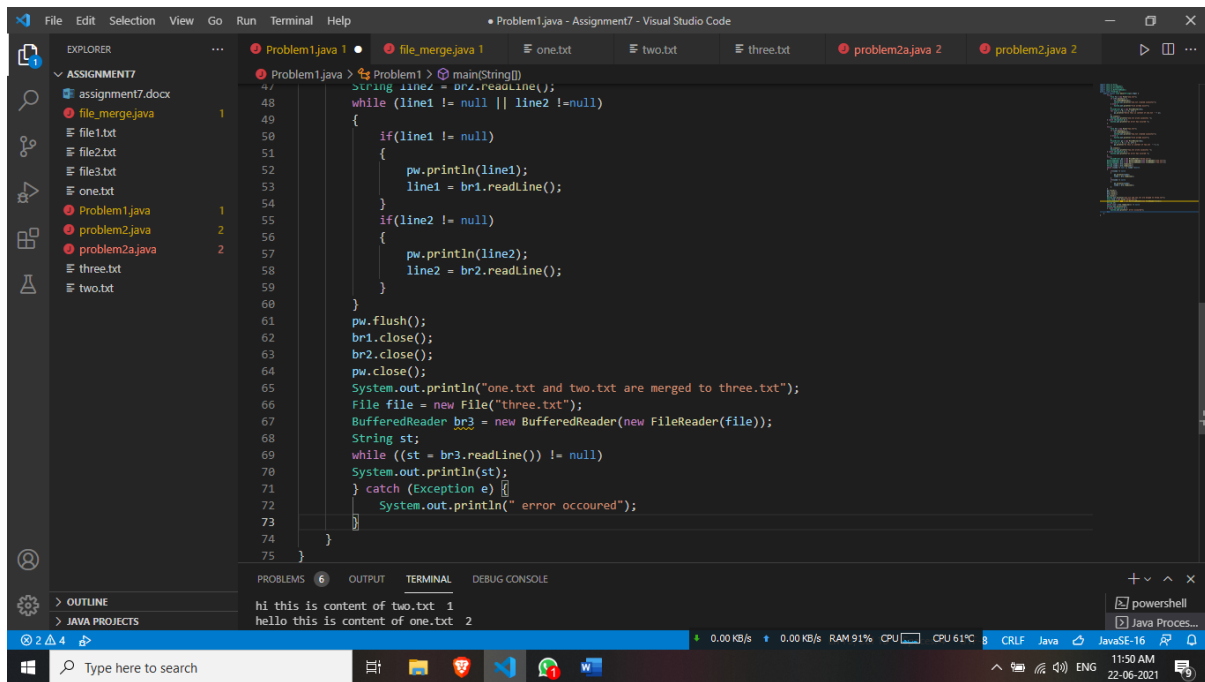


```
1 import java.io.File;
2 import java.io.FileReader;
3 import java.io.PrintWriter;
4 import java.io.BufferedReader;
5 public class Problem1 {
6     public static void main(String[] args) {
7         try {
8             File f1 = new File("one.txt");
9             if (!f1.exists()) {
10                 f1.createNewFile();
11                 System.out.println("one.txt created sucessful");
12             } else {
13                 System.out.println("file alrady exist");
14             }
15             PrintWriter p1 = new PrintWriter(f1);
16             for (int j = 0; j < 5; j++) {
17                 p1.println("hello this is content of one.txt " + j);
18             }
19             p1.close();
20             System.out.println("one.txt write sucessful ");
21         } catch (Exception e) {
22             System.out.println("an error has occured ");
23         }
24     }
25     try {
26         File f2 = new File("two.txt");
27         if (!f2.exists()) {
28             f2.createNewFile();
29         }
30     }
31 }
```

hi this is content of two.txt 1
hello this is content of one.txt 2

```
26 File f2 = new File("two.txt");
27 if (!f2.exists()) {
28     f2.createNewFile();
29     System.out.println("two.txt created sucessful");
30 } else {
31     System.out.println("file alrady exist");
32 }
33 PrintWriter p2 = new PrintWriter(f2);
34 for (int j = 0; j < 5; j++) {
35     p2.println("hi this is content of two.txt " + j);
36 }
37 p2.close();
38 System.out.println("two.txt write sucessful ");
39 } catch (Exception e) {
40     System.out.println("an error has occured ");
41 }
42 try {
43     PrintWriter pw = new PrintWriter("three.txt");
44     BufferedReader br1 = new BufferedReader(new FileReader("one.txt"));
45     BufferedReader br2 = new BufferedReader(new FileReader("two.txt"));
46
47     String line1 = br1.readLine();
48     String line2 = br2.readLine();
49     while (line1 != null || line2 != null)
50     {
51         if (line1 != null)
52         {
53             pw.println(line1);
54         }
55     }
56 }
```

hi this is content of two.txt 1
hello this is content of one.txt 2



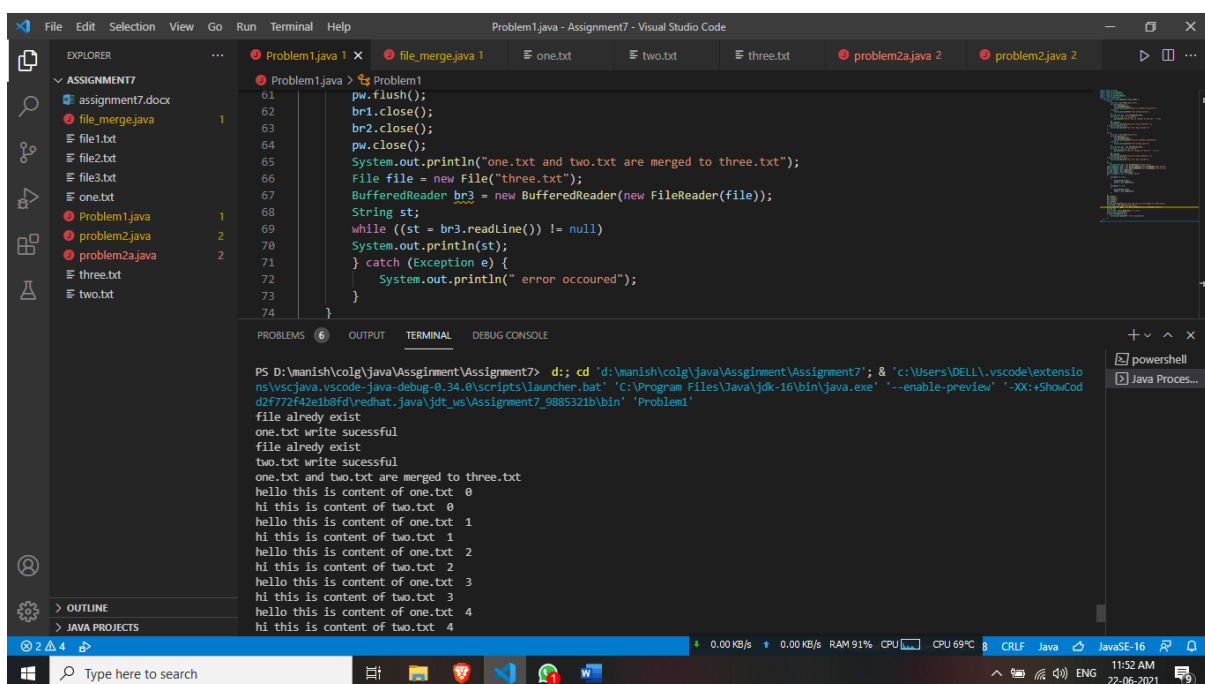
```
File Edit Selection View Go Run Terminal Help
Problem1.java - Assignment7 - Visual Studio Code

EXPLORER
ASSIGNMENT7
  assignment7.docx
  file_merge.java
  file1.txt
  file2.txt
  file3.txt
  one.txt
  Problem1.java
  problem2.java
  problem2a.java
  three.txt
  two.txt

Problem1.java
47 Problem1 > main(String[])
48 {
49     String line1 = br1.readLine();
50     while (line1 != null || line2 != null)
51     {
52         if(line1 != null)
53         {
54             pw.println(line1);
55             line1 = br1.readLine();
56         }
57         if(line2 != null)
58         {
59             pw.println(line2);
60             line2 = br2.readLine();
61         }
62     }
63     pw.flush();
64     br1.close();
65     br2.close();
66     pw.close();
67     System.out.println("one.txt and two.txt are merged to three.txt");
68     File file = new File("three.txt");
69     BufferedReader br3 = new BufferedReader(new FileReader(file));
70     String st;
71     while ((st = br3.readLine()) != null)
72     {
73         System.out.println(st);
74     }
75     catch (Exception e) {
76         System.out.println(" error occurred");
77     }
78 }

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
hi this is content of two.txt 1
hello this is content of one.txt 2
```

Output:



```
File Edit Selection View Go Run Terminal Help
Problem1.java - Assignment7 - Visual Studio Code

EXPLORER
ASSIGNMENT7
  assignment7.docx
  file_merge.java
  file1.txt
  file2.txt
  file3.txt
  one.txt
  Problem1.java
  problem2.java
  problem2a.java
  three.txt
  two.txt

Problem1.java
61 pw.flush();
62 br1.close();
63 br2.close();
64 pw.close();
65 System.out.println("one.txt and two.txt are merged to three.txt");
66 File file = new File("three.txt");
67 BufferedReader br3 = new BufferedReader(new FileReader(file));
68 String st;
69 while ((st = br3.readLine()) != null)
70 {
71     System.out.println(st);
72 }
73 catch (Exception e) {
74     System.out.println(" error occurred");
75 }
76 }

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
PS D:\manish\colg\java\Assignment\Assignment7> d:; cd 'd:\manish\colg\java\Assignment\Assignment7'; & 'c:\Users\DELL\.vscode\extensions\ms-vscode.java-debug-0.34.0\scripts\launcher.bat' 'C:\Program Files\Java\jdk-10\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetails -XX:HeapDumpToStream=stdout,File=D:\manish\colg\java\Assignment\Assignment7\9885321b\bin\Problem1'
file already exist
one.txt write successful
file already exist
two.txt write successful
one.txt and two.txt are merged to three.txt
hello this is content of one.txt 0
hi this is content of two.txt 0
hello this is content of one.txt 1
hi this is content of two.txt 1
hello this is content of one.txt 2
hi this is content of two.txt 2
hello this is content of one.txt 3
hi this is content of two.txt 3
hello this is content of one.txt 4
hi this is content of two.txt 4
```