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Course : MCA 2 B

Subject : Java

1.

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

```
class FileMerge
```

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

```
IO Exception
```

```
{ PrintWriter out = new PrintWriter
```

```
("C:/home/malphi/Documents/javaprac/file1.txt");
```

```
out.println("Line 1");
```

```
out.println("Line 2");
```

```
out.println("Line 3");
```

```
out.println("Line 4");
```

```
out.println("Line 5");
```

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

```
PrintWriter out2 = new PrintWriter("C:/home/malphi/
Documents/javaprac/file2.txt");
```

```
out.println("Line 11");
```

```
out.println("Line 22");
```

```
out.println("Line 33");
```

```
out.println("Line 44");
```

```
out.println("Line 55");
```

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

```
PrintWriter pw = new PrintWriter("C:/home/malphi/
Documents/javaprac/file3.txt");
```

```
BufferedReader br1 = new BufferedReader(new  
FileReader("/home/malpa/Documents/javaprac/  
file1.txt"));
```

```
String line 1 = br1.readLine();
```

```
String line 2 = 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");
```

```
}
```

```

BufferedReader br = new BufferedReader(new
FileReader (ob3));

String s;
while ((s = br.readLine()) != null)

System.out.println(s);
}

```

```

1 2 3 4 []= st
[mr1pha@DESKTOP ~/Documents/javaprac]$ javac file.java
[mr1pha@DESKTOP ~/Documents/javaprac]$ java FileMerge
Merged file1.txt and file2.txt into file3.txt
[mr1pha@DESKTOP ~/Documents/javaprac]$ cat file1.txt
line1
line2
line3
line4
line5
[mr1pha@DESKTOP ~/Documents/javaprac]$ cat file2.txt
line11
line22
line33
line44
line55
[mr1pha@DESKTOP ~/Documents/javaprac]$ cat file3.txt
line1
line2
line33
line4
line55
[mr1pha@DESKTOP ~/Documents/javaprac]$

```

```

File Edit Search View Document Project Build Tools Help
test.java x test.cpp x @Read Me.txt x file.java x
1 import java.io.*;
2
3 class FileMerge
4 {
5     public static void main(String[] args) throws IOException
6     {
7
8         PrintWriter out = new PrintWriter("/home/mr1pha/Documents/javaprac/");
9         out.println("line1");
10        out.println("line2");
11        out.println("line3");
12        out.println("line4");
13        out.println("line5");
14        out.close();
15
16        PrintWriter out2 = new PrintWriter("/home/mr1pha/Documents/javaprac/");
17        out2.println("line11");
18        out2.println("line22");
19        out2.println("line33");
20        out2.println("line44");
21        out2.println("line55");
22        out2.close();
23
24        PrintWriter pw = new PrintWriter("/home/mr1pha/Documents/javaprac/");
25
26        BufferedReader br1 = new BufferedReader(new FileReader("/home/mr1pha/Documents/javaprac/file1.txt"));
27        BufferedReader br2 = new BufferedReader(new FileReader("/home/mr1pha/Documents/javaprac/file2.txt"));
28
29        String line1 = br1.readLine();
30        String line2 = br2.readLine();
31
32        while (line1 != null || line2 != null)
33        {
34            if (line1 != null)
35            {
36                pw.println(line1);
37                line1 = br1.readLine();
38            }
39            if (line2 != null)
40            {
41                pw.println(line2);
42                line2 = br2.readLine();
43            }
44        }
45        pw.close();
46    }
47 }
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```