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Course: MCA-2A

Que: 1. Source code

```java
import java.io.*;

public class ques1
{
    public static void main (String[] args) throws IOException
    {
        // PrintWriter object for file 3.txt.
        PrintWriter pw = new PrintWriter (" three.txt");

        BufferReader br1 = new BuffedReader (new FileReader(" one.txt" ));

        Buffered Reader br 2 = new Buffered Reader (new FileReader("two.txt"));

        String line 1 = br1. readLine();

        String line 2 = br2. readLine();

        while (line1 != null)
        {
            pw. println( line 1);
            line 1 = br1. readLine();
        }
```

```java
        if (line 2 != null).
        {
            pw. println ( line 2 );
            line 2 = br 2. readLine ();
        }.
    }

    pw. flush ();

    br1. close ();
    br 2. close ();
    pw. close ();

    System. out. println (" Merged file1.txt and file2.txt alternatively.
    into file 3. txt ");

    br1 = new BufferedReader ( new FileReader (" three. txt ");

    String st;
    while ((st = br1. readLine ()) != null)
        System. out. println (st);
    }
}
```

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Ques1.java

```java
import java.io.*;

public class Ques1
{
    public static void main(String[] args) throws IOException
    {
        // PrintWriter object for file3.txt
        PrintWriter pw = new PrintWriter("three.txt");

        // BufferedReader object for file1.txt
        BufferedReader br1 = new BufferedReader(new FileReader("one.txt"));
        BufferedReader br2 = new BufferedReader(new FileReader("two.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();
            }

            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");
        br1 = new BufferedReader(new FileReader("three.txt"));

        String st;
        while ((st = br1.readLine()) != null)
            System.out.println(st);
    }
}
```
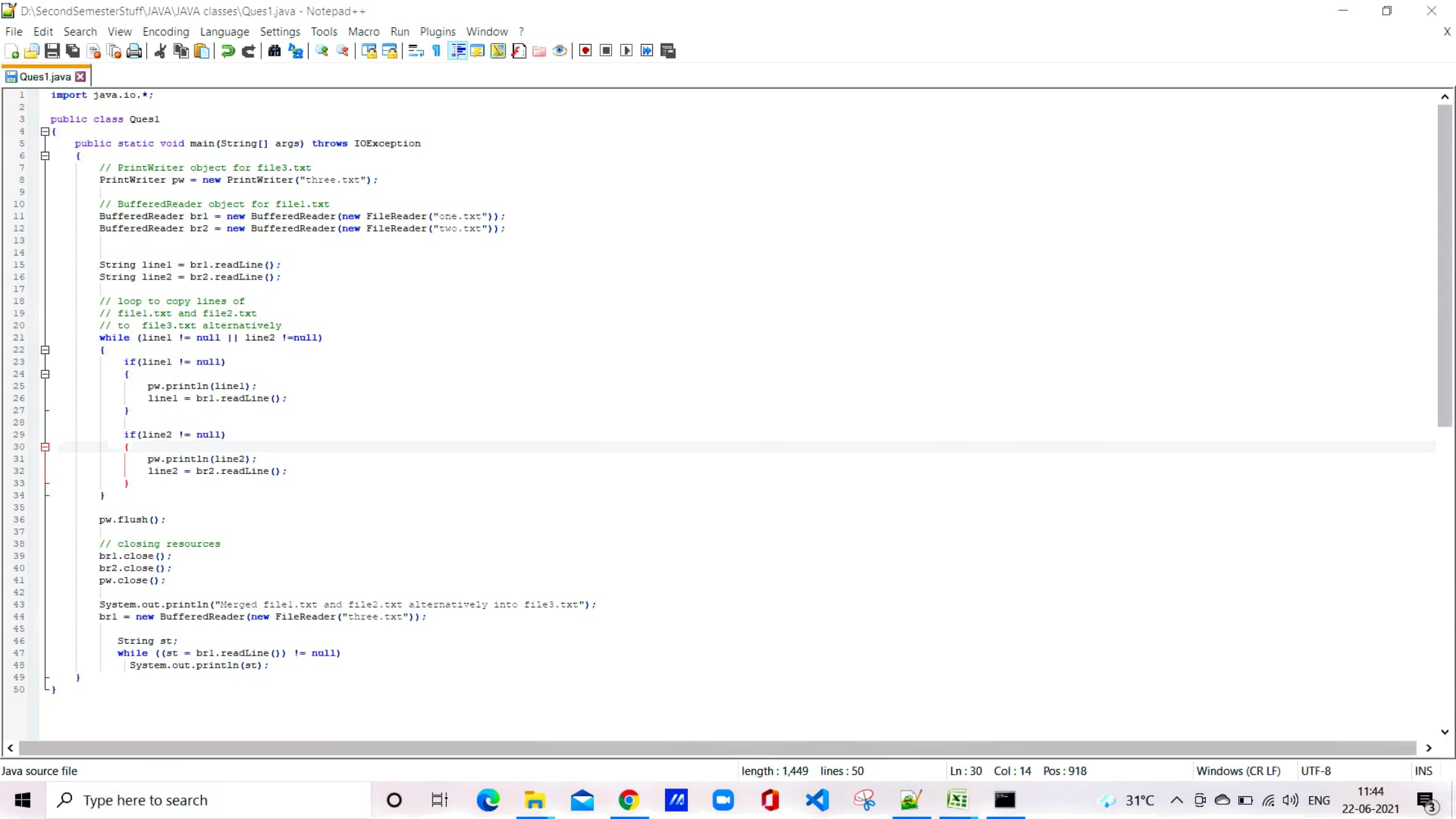
Java source file   length : 1,449   lines : 50   Ln : 30   Col : 14   Pos : 918   Windows (CR LF)   UTF-8   INS

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Ques1.java

```
 1  import java.io.*;
 2
 3  public clas
 4  {
 5      public
 6      {
 7          //
 8          Pri
 9
10          //
11          Buf
12          Buf
13
14
15          Str
16          Str
17
18          //
19          //
20          //
21          whi
22          {
23
24
25
26
27
28
29
30
31
32
33
34          }
35
36          pw.
37
38          //
39          br1
40          br2
41          pw.
42
43          System.out.println("Merged file1.txt and file2.txt alternatively into file3.txt");
44          br1 = new BufferedReader(new FileReader("three.txt"));
45
46          String st;
47          while ((st = br1.readLine()) != null)
48              System.out.println(st);
49      }
50  }
```

C:\Windows\System32\cmd.exe

```
Microsoft Windows [Version 10.0.19041.1052]
(c) Microsoft Corporation. All rights reserved.

D:\SecondSemesterStuff\JAVA\JAVA classes>javac Ques1.java

D:\SecondSemesterStuff\JAVA\JAVA classes>java Ques1
Merged file1.txt and file2.txt alternatively into file3.txt
Helllo One
Bye One
Hello Two
Bye Two
Hello Three
Bye Three
Hello Four
Bye Four
Hello Five
Bye Five

D:\SecondSemesterStuff\JAVA\JAVA classes>
```

Java source file   length : 1,449   lines : 50   Ln : 30   Col : 14   Pos : 918   Windows (CR LF)   UTF-8   INS

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