

Kanchan Naubiyal  
MCA, 2, B  
20712085  
Java Practical

classmate  
Date \_\_\_\_\_  
Page \_\_\_\_\_

Soln ① // Program.

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

```
public class Main
```

```
{  
    public static void main (String  
                                args)
```

```
{  
    throws IOException
```

```
{  
    PrintWriter writerThree = new  
        PrintWriter("three.txt");
```

```
    PrintWriter writerOne = new  
        PrintWriter("One.txt");  
    writerOne.println("Line 1");  
    writerOne.println("Line 2");  
    writerOne.println("Line 3");  
    writerOne.println("Line 4");  
    writerOne.println("Line 5");  
    writerOne.close();
```



```

BufferedReader br1 = new BufferedRea
der (new FileReader("one.txt"))
BufferedReader br2 = new BufferedReader(
new FileReader("two.txt"))

```

```
String line1, line2;
```

```
while ((line1 = br1.readLine()) != null
&& (line2 = br2.readLine()) != null)

```

```
{

```

```
    writer.newLine().println(line1);

```

```
    writer.newLine().println(line2);

```

```
}

```

```
BufferedReader br = new BufferedRea
der (new FileReader
("three.txt"));

```

```
String line = br.readLine();

```

```
while (line != null)

```

```
{

```

```
    writer.newLine().println(line);

```

```
    line = br.readLine();

```

```
}

```

```
writer.newLine().flush();

```

```
br.close();

```

```
writer.newLine().close();

```

```
System.out.println("done");

```

```
}

```

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Language Java

```
10 import java.io.*;
11 import java.util.*;
12
13 public class Main
14 {
15     public static void main(String[] args) throws IOException
16     {
17
18         PrintWriter writerThree = new PrintWriter("three.txt");
19
20         PrintWriter writerOne = new PrintWriter("one.txt");
21         writerOne.println("line11");
22         writerOne.println("line21");
23         writerOne.println("line31");
24         writerOne.println("line41");
25         writerOne.println("line51");
26         writerOne.close();
27
28         //PrintWriter writerTwo = new PrintWriter("two.txt");
29
30     }
31 }
```

done

...Program finished with exit code 0  
Press ENTER to exit console.

Type here to search

11:53 22-06-2021

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Connecting...

Language: Java

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Main.java one.txt three.txt two.txt

```

47 }
48
49   BufferedReader br = new BufferedReader(new FileReader("three.txt"));
50   String line = br.readLine();
51
52   // Loop to copy each line of
53   // file2.txt to file3.txt
54   while(line != null)
55   {
56       writerThree.println(line);
57       line = br.readLine();
58   }
59
60   writerThree.flush();
61
62   // closing resources
63   br.close();
64   writerThree.close();
65
66   System.out.println("done");
67
68 }
69

```

input

done

...Program finished with exit code 0  
Press ENTER to exit console.

Type here to search

11:53  
22-06-2021

The screenshot displays the OnlineGDB web IDE interface. The browser tabs include 'MCA\_JavaProgrammig/MCA-2B...', '(1) WhatsApp', 'online gdb compiler - Yahoo Indi...', and 'GDB online Debugger | Compiler...'. The address bar shows 'onlinegdb.com'.

The left sidebar contains the OnlineGDB logo and navigation links: 'code. compile. run. debug. share.', 'IDE', 'My Projects', 'Classroom' (marked as new), 'Learn Programming', 'Programming Questions', 'We are Hiring', 'Sign Up', and 'Login'. Social media icons for Facebook, Twitter, and a '+ 99K' button are also present.

The main editor area shows a Java file named 'Main.java' with the following code:

```

29
30     PrintWriter writerTwo = new PrintWriter("two.txt");
31     writerTwo.println("line1");
32     writerTwo.println("line2");
33     writerTwo.println("line3");
34     writerTwo.println("line4");
35     writerTwo.println("line5");
36     writerTwo.close();
37
38     // BufferedReader object for file1.txt
39     BufferedReader br1 = new BufferedReader(new FileReader("one.txt"));
40     BufferedReader br2 = new BufferedReader(new FileReader("two.txt"));
41
42     String line1, line2;
43     while ((line1=br1.readLine())!=null && (line2=br2.readLine())!=null)
44     {
45         writerThree.println(line1);
46         writerThree.println(line2);
47     }
48
49     BufferedReader br = new BufferedReader(new FileReader("three.txt"));
50
51     String line = br.readLine();
52

```

The console output at the bottom shows the program finished with exit code 0 and a prompt to press ENTER to exit the console.

The Windows taskbar at the bottom shows the search bar, task view, and several open applications including Edge, File Explorer, and Chrome. The system clock indicates 11:53 on 22-06-2021.



