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Subject - Java programming practical
Course - MCA 2B

Ao-1

```
import java.io.*;
public class filemerge
{ public static void main(String[]args) throws IO exception
PrintWriter Pw = new PrintWriter("file3.txt");
BufferedReader br1=new BufferReader(new fileReader("file1
BufferedReader br2 = new BufferReader(new fileReader('file2
 String line1 = br1.readline();
 String line2 = br2. readLine();
   while(line1 !=null || line2!=null)
{  if(line1! = null)
{ pw.println(line);
   line1 = br1.readline();
   { if(line2!=null)
{  pw.println(line2);
 { pw. println(line2);
  line2 = br2.readline();

{    pw. flush();
}     br1.close();
      br2.close().
      pw.close();
System.out.println("merged file1.txt and file2.txt
        alternative into file3.txt");
        }
        }
```

```java
import java.io.*;

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

        // BufferedReader object for file1.txt
        BufferedReader br2;
        try (BufferedReader br1 = new BufferedReader(new java.io.FileReader( fileName: "file1.txt"))) {
            br2 = new BufferedReader(new java.io.FileReader( fileName: "file2.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();
                }
```

```java
        // 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");
  }
}
```