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course :- MCA-2B
subject :- Java programming
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```
quest1 import java.io.*;  
public class FileMerge  
{
```

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

```
    PrintWriter pw = new PrintWriter ("file3.txt");  
    BufferedReader br1 = new BufferedReader  
    (new FileReader ("file1.txt"));
```

```
    BufferedReader br2 = new BufferedReader  
    (new FileReader ("file2.txt"));
```

```
    String line1 = br1.readLine();
```

```
    String line2 = br2.readLine();
```

```
    while (line1 != null || line2 != null)
```

```
{  
    if (line1 != null)
```

```
        pw.println (line1);
```

```
        line1 = br1.readLine();
```

```
}
```


if (line 2 != null)

pw.println(line 2);

line 2 = br2.readLine();

pw.flush();

br2.close();

br2.close();

pw.close();

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

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();

}

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