

A0-1

```
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
```

```
BufferedReader br2 = new BufferedReader(new FileReader("file2
```

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

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

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

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

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

```
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");
```

```
{  
}
```

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();

}

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