

Manish Rawwat

2001084

MCA 2A

Sol.1

```
import java.io.File;
import java.io.FileReader;
import java.io.PrintWriter;
import java.io.BufferedReader;

Public Class Problem 1 {

    Public static void main (String[] args) {

        try {
            File f1 = new File("one.txt");
            if (!f1.exists()) {
                f1.createNewFile();
                System.out.println("one.txt created successfully");
            } else {
                System.out.println("File already exist");
            }
            PrintWriter p1 = new PrintWriter(f1);
            for (int i = 0; i < 5; i++) {
                p1.println("hellow this is content of one.txt " + i);
            }
            p1.close();
            System.out.println("one.txt write successfully");
        } catch (Exception e) {
            System.out.println("an error has occurred");
        }

        try {
            File f2 = new File("two.txt");
            if (!f2.exists()) {
                f2.createNewFile();
            }
        }
    }
}
```

```

System.out.println("two.txt created successfully");
} catch (Exception e) {
    System.out.println("an error has occurred");
}
try {
    PrintWriter pw = new PrintWriter("three.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();
    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();
    br1.close();
    br2.close();
    pw.close();
    System.out.println("one.txt and two.txt are merged to three.txt");

    File file = new File("three.txt");
    BufferedReader br3 = new BufferedReader(new FileReader(file));
    String st;
    while ((st = br3.readLine()) != null)
        System.out.println(st);
    } catch (Exception e) {
        System.out.println("error occurred");
    }
}

```