Aim:

Write a Java code to print a file into **n** parts

Source Code:

q226/split1.java

```java
package q226;
import java.io.*;
import java.util.Scanner;
public class split1 {
    public static void main(String args[]) {
        try{
            String inputfile = "test.txt";
            double nol = 5.0;
            File file = new File(inputfile);
            Scanner scanner = new Scanner(file);
            int count = 0;
            while (scanner.hasNextLine()) {
                scanner.nextLine();
                count++;
            }
            System.out.println("Lines in the file: " + count);
            double temp = (count/nol);
            int temp1 = (int)temp;
            int nof = 0;
            if(temp1 == temp) {
                nof=temp1;
            }
            else {
                nof = temp1 + 1;
            }
            System.out.println("No. of files to be generated :"+nof);
            BufferedReader br = new BufferedReader(new FileReader(inputfile));
            String strLine;
            for (int j = 1; j <= nof; j++) {
                FileWriter fw= new FileWriter("File"+j+".txt");
                for (int i = 1; i <= nol; i++) {
                    strLine = br.readLine();
                    if (strLine!= null) {
                        strLine=strLine+"\r\n";
                        fw.write(strLine);
                    }
                }
                fw.close();
            }
            br.close();
        }
        catch (Exception e) {
            System.err.println("Error: " + e.getMessage());
        }
    }
}
```

test.txt

```
Insert text here : 1614065200486
hi
hello
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Lines in the file: 3
No. of files to be generated :1