

Aim:

Write a Java code to print a file into n parts

Source Code:

q226/split1.java

```
package q226;
import java.io.*;
import java.util.*;
public class split1 {
    public static void main(String args[]) {
        try{
            String inputfile="test.txt";
            double nol=10.0;
            File file=new File(inputfile);
            Scanner input=new Scanner(file);
            int count=0;
            while(input.hasNextLine()){
                input.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.out.println("Error: "+e.getMessage());
        }
    }
}
```

test.txt

Insert text here : 1614065200486
line2
line3

Execution Results - All test cases have succeeded!

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