

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
h
h

Execution Results - All test cases have succeeded!

Test Case - 1

User Output

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