Practice Project File Handling

Source Code :

```
package com.mphasis;

import java.io.BufferedReader;
import java.io.File;

import java.io.FileNotFoundException;
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
import java.io.InputStreamReader;
import java.util.Scanner;

public class Filehandling {
	public static void main(String args[]) throws FileNotFoundException,
IOException {
		System.out.println("Please select one of the below operations");
		System.out.println(" w for write mode ");
		System.out.println(" r for read mode ");
		System.out.println(" a for append mode ");
		Scanner in =new Scanner(System.in);
		String s=in.nextLine();
		if(s.equalsIgnoreCase("r"))
		{
			new FReading();
		}
		else if(s.equalsIgnoreCase("w")||s.equalsIgnoreCase("a"))
		{
			writingToFile(s);


		}
		else
		{
			System.out.println("Sorry betterluck next time ");
		}


		in.close();

	}

	public static void writingToFile(String s)
	{
		Scanner in=null;
		try
		{
			String source = "";
			File f=new File("file1.txt");
```

```
            BufferedReader bf=new BufferedReader(new InputStreamReader(System.in));

            FileWriter f0 =null;
            if(s.equalsIgnoreCase("w"))
            {
                f0 = new FileWriter(f,false);
                System.out.println("CAUTION >> Please understand it will overwrite
the content of the file ");
                System.out.println("Type 'no' to exit");
                System.out.println("Do you want to proceed :type 'yes' ");
                in=new Scanner(System.in);
                String s1=in.nextLine();
                if(s1.equals("no"))
                System.exit(0);
                System.out.println("Write 'stop' when you finish writing file ");
                f.delete();
                f.createNewFile();
                while(!(source=bf.readLine()).equalsIgnoreCase("stop")){
                    f0.write(source + System.getProperty("line.separator"));

                }

                in.close();
            }

            //append
            else
            {  f0 = new FileWriter(f,true);
                System.out.println("Write 'stop' when you finish appending file ");
                while(!(source=bf.readLine()).equalsIgnoreCase("stop")){
                    f0.append(source+ System.getProperty("line.separator"));
                }
            }
            f0.close();

        }
        catch(Exception e){
            System.out.println("Error : " );
            e.printStackTrace();
        }


    }



}

class FReading {
    public static String str="";

    public FReading() {

        try{
```

```
            File f5=new File("file1.txt");
            if(! f5.exists())
            f5.createNewFile();
            FileReader fl=new FileReader(f5);
            BufferedReader bf=new BufferedReader(fl);
            //For reading till end
            while((str=bf.readLine())!=null){
                System.out.println(str);
            }
            fl.close();
            }catch(Exception e){
            System.out.println("Error : " );
            e.printStackTrace();
        }
    }
}
```