As a developer, write a program to read, write, and append to a file.

**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** FileHandlingDemo {

**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 you try to do unexpected ,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();

}

**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);

**while** ((*str* = bf.readLine()) != **null**) {

System.***out***.println(*str*);

}

fl.close();

} **catch** (Exception e) {

System.***out***.println("Error : ");

e.printStackTrace();

}

}

}









