**package** file;

**import** java.io.FileWriter;

**import** java.util.Scanner;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.io.File;

**import** java.io.FileReader;

**import** java.io.PrintWriter;

**public** **class** Main{

**public** **static** **void** main(String[] args) {

**char** ch;

**try** {

Scanner sc= **new** Scanner(System.***in***);

System.***out***.println("Enter a word: 'w-To Write, r-To Read, a-To Append'a file");

ch=sc.next().charAt(0);

**switch**(ch) {

**case** 'w':

{

System.***out***.println("Enter the text that you want to write in the file:");

sc.nextLine();

String text = sc.nextLine();

FileWriter fWriter = **new** FileWriter("D:\\file\\testfile1.txt");

fWriter.write(text);

fWriter.close();

System.***out***.println("Congratulations!!File with your given data had been written successfully");

**break**;

}

**case** 'r':

{

FileReader fr=**new** FileReader("D:\\file\\testfile1.txt");

**int** i;

**while**((i=fr.read())!=-1)

System.***out***.print((**char**)i);

fr.close();

**break**;

}

**case** 'a':

{

PrintWriter pw=**new** PrintWriter("D:\\file\\testfile1.txt");

pw.append("This is the sentence that will be formed after appending the given file");

System.***out***.println("The given file has been appended");

pw.flush();

**break**;

}

**default**:

System.***out***.println("Sorry, you've entered an Invalid character");

**break**;

}

}

**catch**(Exception e) {

System.***out***.println(e.getMessage());

}

} }