//Code to Read, Write and Append To a file.

//To Read

interface First

{

default void show()

{

System.out.println("Default First");

}

}

interface Second

{

default void show()

{

System.out.println("Default Second");

}

}

public class TestClass implements First, Second

{

public void show()

{

First.super.show();

Second.super.show();

}

public static void main(String args[])

{

TestClass ob = new TestClass();

ob.show();

}

}

OUTPUT- Enter the Name of File:

//to Write file

// importing the FileWriter class

**import** java.io.FileWriter;

**class** File\_Writer {

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

// creates a multiline string using + operator

// the string is a Java Program

String program = "class JavaFile { " +

"public static void main(String[] args) { " +

"System.out.println(\"This is file\");"+

"}"+

"}";

**try** {

// Creates a Writer using FileWriter

FileWriter output = **new** FileWriter("JavaFile.java");

// Writes the program to file

output.write(program);

System.***out***.println("Data is written to the file.");

// Closes the writer

output.close();

}

**catch** (Exception e) {

e.getStackTrace();

}

}

}

OUTPUT- Data is written to the file.

//append to a file

**import** java.io.BufferedReader;

**import** java.io.FileNotFoundException;

**import** java.io.IOException;

**import** java.io.InputStreamReader;

**import** java.io.FileInputStream;

**import** java.io.FileReader;

**import** java.io.FileWriter;

**public** **class** AppendFile {

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

StringBuilder sb = **new** StringBuilder();

String strLine = "";

**try**

{

String filename= "D:\\test repository\\Sample";

FileWriter fw = **new** FileWriter(filename,**true**);

//appends the string to the file

fw.write("Java Exercises\n");

fw.close();

BufferedReader br = **new** BufferedReader(**new** FileReader("D:\\test repository\\Sample"));

//read the file content

**while** (strLine != **null**)

{

sb.append(strLine);

sb.append(System.*lineSeparator*());

strLine = br.readLine();

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

}

br.close();

}

**catch**(IOException ioe)

{

System.***err***.println("IOException: " + ioe.getMessage());

}

}

}

OUTPUT- IOException: D:\test repository\Sample (Access is denied)