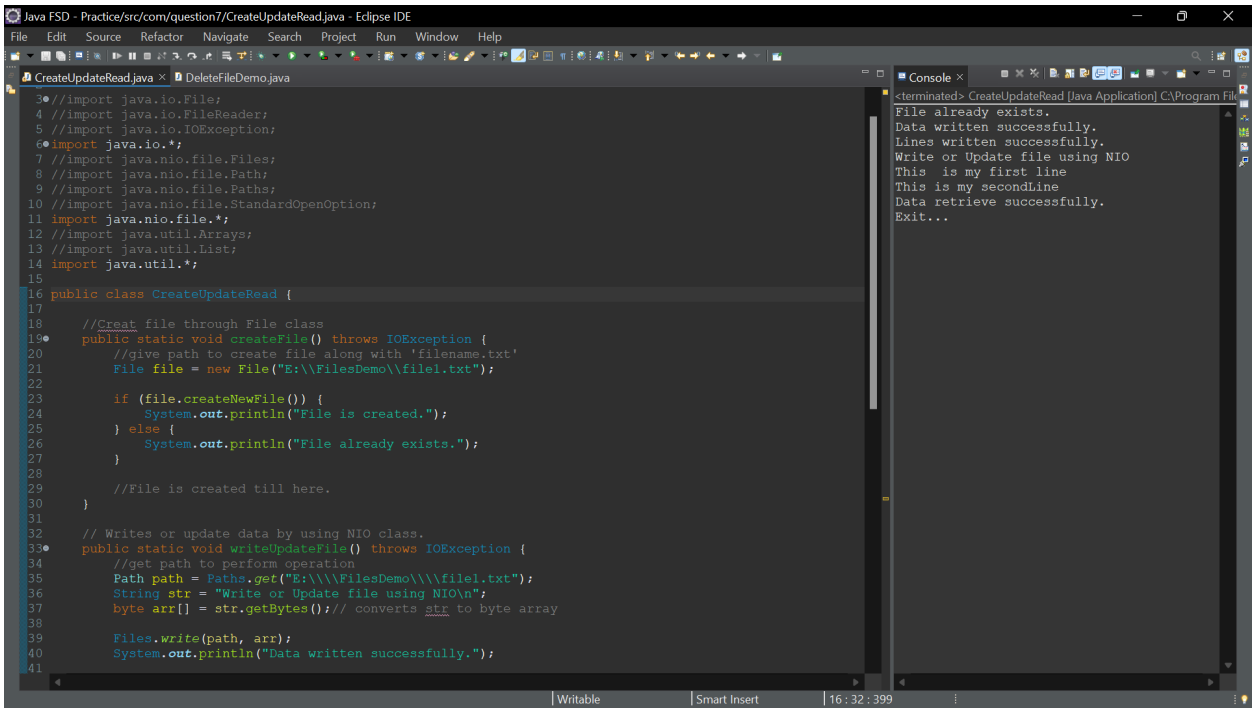
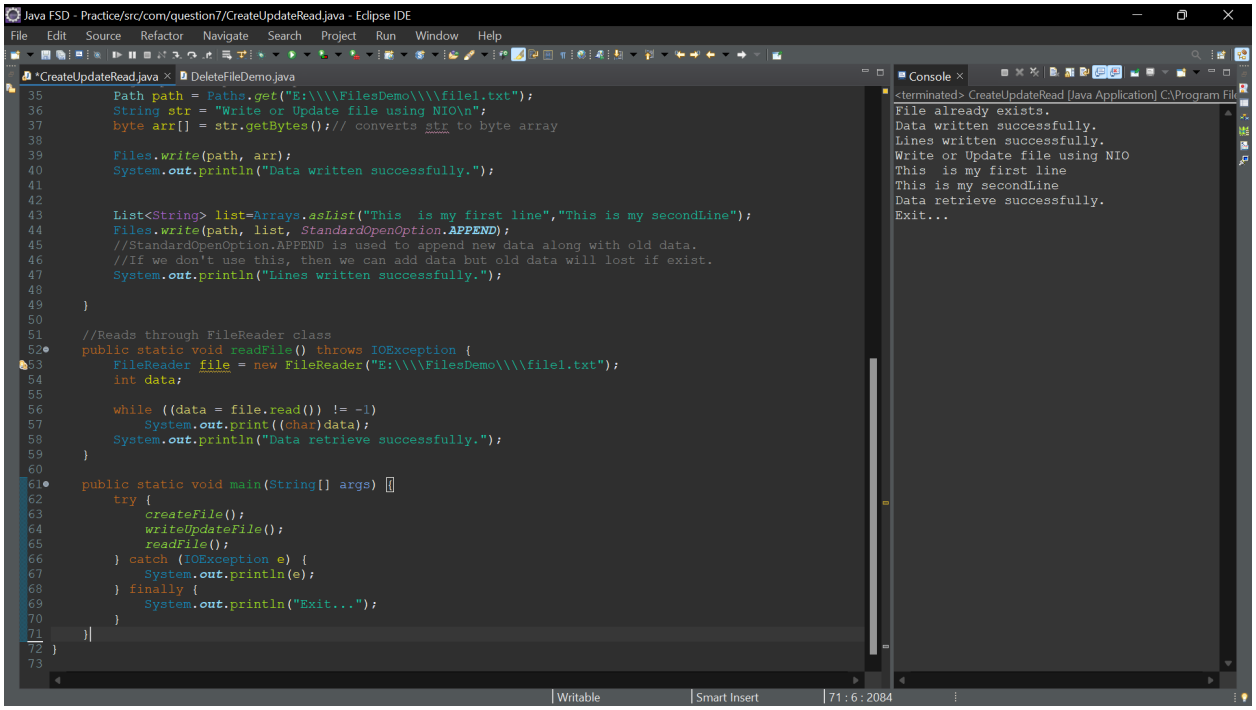
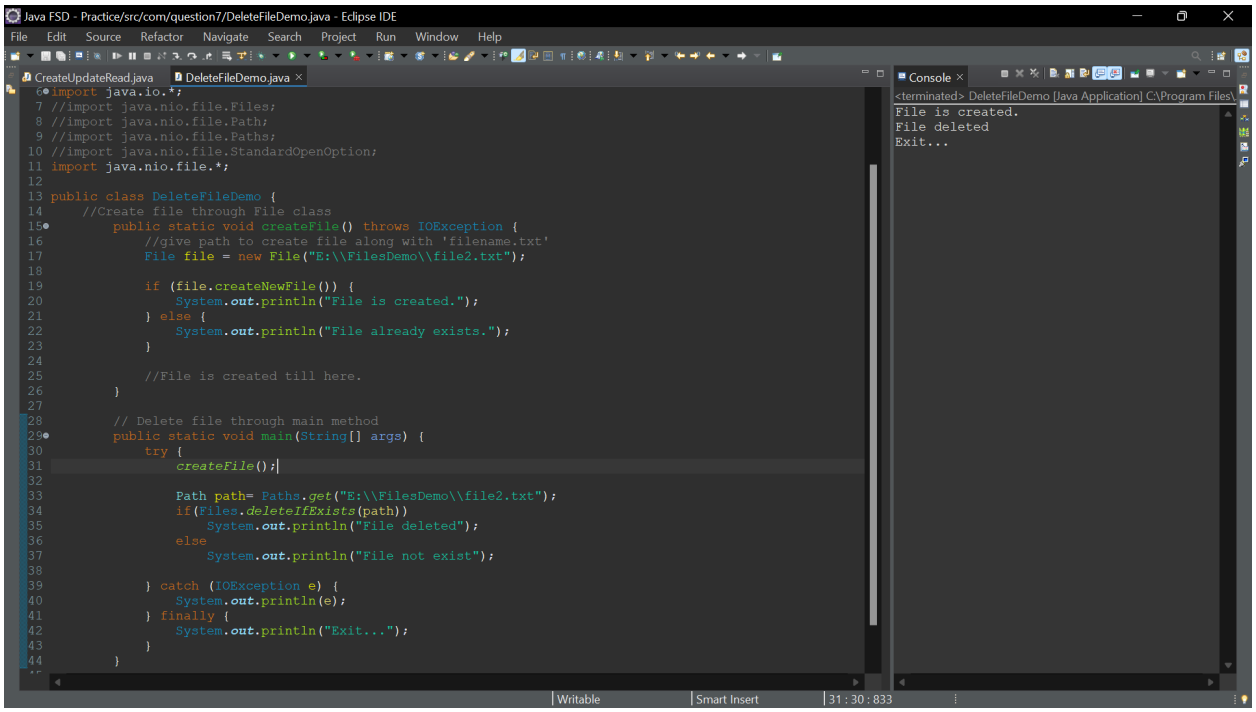
OUTPUTS ALONG CODE:




Java FSD - Practice/src/com/question7/CreateUpdateRead.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
*CreateUpdateRead.java
DeleteFileDemo.java
Path path = Paths.get("E:\\\\FilesDemo\\\\file1.txt");
String str = "Write or Update file using NIO\n";
byte arr[] = str.getBytes();// converts str to byte array
Files.write(path, arr);
System.out.println("Data written successfully.");
List<String> list=Arrays.asList("This is my first line","This is my secondLine");
Files.write(path, list, StandardOpenOption.APPEND);
//StandardOpenOption.APPEND is used to append new data along with old data.
//If we don't use this, then we can add data but old data will lost if exist.
System.out.println("Lines written successfully.");
//Reads through FileReader class
public static void readFile() throws IOException {
FileReader file = new FileReader("E:\\\\FilesDemo\\\\file1.txt");
int data;
while ((data = file.read()) != -1)
System.out.print((char)data);
System.out.println("Data retrieve successfully.");
}
public static void main(String[] args) {
try {
createFile();
writeUpdateFile();
readFile();
} catch (IOException e) {
System.out.println(e);
} finally {
System.out.println("Exit...");
}
}
}
Console
<terminated> CreateUpdateRead [Java Application] C:\Program File
File already exists.
Data written successfully.
Lines written successfully.
Write or Update file using NIO
This is my first line
This is my secondLine
Data retrieve successfully.
Exit...
Writable
Smart Insert
71 : 6 : 2084


Java FSD - Practice/src/com/question7/DeleteFileDemo.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
CreateUpdateRead.java
DeleteFileDemo.java
import java.io.*;
//import java.nio.file.Files;
//import java.nio.file.Path;
//import java.nio.file.Paths;
//import java.nio.file.StandardOpenOption;
import java.nio.file.*;
public class DeleteFileDemo {
//Create file through File class
public static void createFile() throws IOException {
//give path to create file along with 'filename.txt'
File file = new File("E:\\FilesDemo\\file2.txt");
if (file.createNewFile()) {
System.out.println("File is created.");
} else {
System.out.println("File already exists.");
}
//File is created till here.
}
// Delete file through main method
public static void main(String[] args) {
try {
createFile();
Path path= Paths.get("E:\\FilesDemo\\file2.txt");
if(Files.deleteIfExists(path))
System.out.println("File deleted");
else
System.out.println("File not exist");
} catch (IOException e) {
System.out.println(e);
} finally {
System.out.println("Exit...");
}
}
Console
<terminated> DeleteFileDemo [Java Application] C:\Program Files\
File is created.
File deleted
Exit...
Writable
Smart Insert
31 : 30 : 833