**// file is created, written and appended using NIO method and read using file reader//**

**package** fileHandling;

**import** java.io.FileReader;

**import** java.io.IOException;

**import** java.nio.file.Files;

**import** java.nio.file.Path;

**import** java.nio.file.Paths;

**import** java.nio.file.StandardOpenOption;

**import** java.util.Arrays;

**import** java.util.List;

**public** **class** WriteAppendRead {

**public** **static** **void** createFileUsingNIO() **throws** IOException

{

Path path=Paths.*get*("D:\\writedemo.txt");

String input="hello world";

**byte** array[]=input.getBytes();

Files.*write*(path, array, StandardOpenOption.***CREATE***,StandardOpenOption.***APPEND***);

System.***out***.println("Data Written Successfully");

Path path1=Paths.*get*("D:\\writedemo.txt");

List<String> list=Arrays.*asList*(" This is my first line","This is my secondLine");

Files.*write*(path1, list, StandardOpenOption.***CREATE***,StandardOpenOption.***APPEND***);

System.***out***.println("Lines Written Successfully");

}

**public** **static** **void** readFileReaderClass() **throws** IOException

{

FileReader reader= **new** FileReader("D:\\writedemo.txt");

**int** data;

**while**((data=reader.read())!=-1){

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

}

}

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

**try** {

*createFileUsingNIO*();

} **catch** (IOException e) {

e.printStackTrace();

}

**try** {

*readFileReaderClass*();

} **catch** (IOException e) {

System.***out***.println("File not available");

}

}

}