**File Handling**

1. **Write a program to read a directory name from the user. Display all the files in that directory. Get the names of a particular file in the given list from the user through standard input. Copy the contents of that file byte by byte and into another file.**

**import java.io.\*;**

**import java.util.scanner;**

**class CopyFileDir**

**{**

**public static void main(string[] args)**

**{**

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

**string dirName=sc.next();**

**System.out.print("specify directory:");**

**File dir = new File(dirName);**

**if(!dir.exist())**

**System.out.print(" directory not found");**

**else**

**{**

**System.out.print("list all files in the dictionary:"+dirName);**

**for( String fileName : dir.list())**

**{**

**System.out.print(filename);**

**}**

**System.out.print("enter the name of the file to be copied");**

**String fileNameToCopy = sc. next();**

**try**

**{**

**FileInputStream fi= new FileInputStream (dirName +"\\"+ fileNameToCopy );**

**FileOutputStream fo = newFileOutputStream(dirname+"\\"+"copie"+fileNameToCopy);**

**int i;**

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

**{**

**fo.write(i);**

**}**

**fi.close();**

**fo.close();**

**System.out.println("<"+fileNameToCopy+"has been copied");**

**}**

**catch(exception e)**

**{**

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

**}**

**}**

**sc.close();**

**}**

**}**

**}**

**}**

1. Write a program that appends data to the file using FileWriter class. [Use a different constructor of FileWriter class.

import java.io.File;

import java.io,FileWriter;

class AppendFile;

{

public ststic void main(String[] args)

{

try{

String content ="welcome All";

File abc = new File("abc.txt");

if(!abc.exists())

{

abc.createNewFile();

}

FileWriter fw = new FileWriter(abc,true);

fw.write(content);

fw.close();

System.out.println("Data successfully appended in the end of the file");

}

catch(expectation e)

{

System.out.println("exception occurred:");

}

}

}