**Java.io**

1. Write a java program to read a filename and determine it’s attributes like whether it is readable,writeable,executable,size,directory or a file.

If the file does not exist a new file is created.

1. Write a java program to read text in multiple lines till user types stop, from the user and store it in a file.
2. Write a java program,that stores unique emailaddresses of the users.Each user creates a new email address,the program creates it only if it is not existing.

(use RandomAccessFIle)

1. Write a program to copy contents from one file to another.

B modify the above program to copy the content of the file after compressing it.(removing spaces);

Check the size of the two files and note the result.

1. Write a java program that reads an username and password,and logs the time the user has logged in.

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Analyse the following code:

import java.io.\*;

public class OnlyExt implements FilenameFilter {

String ext;

public OnlyExt(String ext) {

this.ext = "." + ext;

}

public boolean accept(File dir, String name) {

return name.endsWith(ext);

}

}

class DirListOnly {

public static void main(String args[]) {

String dirname = "/java";

File f1 = new File(dirname);

FilenameFilter only = new OnlyExt("html");

String s[] = f1.list(only);

for (int i=0; i < s.length; i++) {

System.out.println(s[i]);

}

}

}

1. Write a program to store an object of class Student with studid,name and marks as attributes in a file using the concept of serialization.and write a method to read back the content from the file to an object.

B Check if the hashcode of the object that is read back is same as that of the written object.