// file handling in java

// we can perform input out using java.io

// streams says source/ destination.

// file is used to get metadata about file.

Import java.io.File;

File\_object : about metadata.

File\_object.canWrite// if file is able to write or not

File\_object.exists()// if such file exists or not in dir

File\_object.getName// file name

File\_object.length // length in bytes

File\_object.createNewFile() // create new empty file if and iff not exist.

File\_object.delete() // to delete file

Class FileExample

{

Public static void main(string [] args)

{

File f1= new File(“path……..”); // framing an object, f1 says about file ka metadata.

System.out.println(f1.canWrite())

System.out.println(f1.exists()) // boolean

System.out.println(f1.getName())

System.out.println(f1.length())

}

}

// writing to file

// FileOutputStream(File, Boolean if interested to append): used to write data to a file.

Import java.io.\*

Public class FileExample

{

Public static void main(string[] args) throws IOException

{

Int I;

// accessing file through FileOutputStream.

FileOutputStream f\_out= new FileOutoutStream(“path of file……………….”, true) //with the help of FilOutputStream, we are able to input data in given file.

String s1= “I love u sriesti….yes I am serious”

// converting string to array.

Char ch[]= s1.toCharArray();

// puuting data in file f\_out

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

F\_out.write(ch[i))

F\_out.close() // closing the file

}

}

// Reading from files using fileInput

// extracting data from file without deleting it.

FileInputStream(file).

Class Fileread

{

Public static void main(string[] args) throws IOException

{

Int I;

FileInputStream f\_read=new FileInputStream(“file path…………..”)

Do

{

i=f\_read();

If ( i!=-1)

} while (i!=-1);

F\_read.close();

}

}

// buffer writer in java: provide buffering for writer instances, BufferedWriter.

//FileWriter: used to write character oriented data to a file.

Class file {

Public statuc void main (string[] args) throws IOException

{

FileWriter fw= new FileWriter(“path”, true)// true says append else it go for overwrite.

//fw is writeing class object, fw object will pass into BufferedWriter as args

BufferedWriter bf=new BufferedWriter(fw);// fw is writer instance.

Bf.write(“Adarsh Kumar gupta”);

Bf.close();

}

}

// reading from file using bufferedReader class.

// buffer: container for data , ek sath kuch data utao rather than singleton process,it makes process fast for read and write.

// BufferedReader(Reader in, int sz)

// readline: read a line in java

// BufferedReader.read(startPoint,EndPoint,maximumReadingAbility) , how many charc it can read from given indexes from file.

Import java.io.\*

Class fileBuffer

{

Public static void main(string []args) throws IOException

{

FileReader fr=new FileReader(“path……..”)

// fr: fr is file reader object and work as args in BufferedReader function

BufferedReader bf=new BufferedReader(fr)

While ((ch=bf.read())!=-1)

{

System.out.println((char)(ch))

}

Bf.close();

}

}