Program 8: Read and Write Object to a File using FileOutputStream and FileInputStream.

package lab2018;

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.ObjectInputStream;

import java.io.ObjectOutputStream;

import java.io.Serializable;

class Employee implements Serializable {

static int eid;

transient String ename; // always take default values i.e. it is string so default value is s

Employee ( int eid, String ename ) {

this.eid = eid;

this.ename = ename;

}

}

public class FileObject {

public static void main(String[] args) throws Exception {

Employee ob1 = new Employee ( 123, "Rohan" );

Employee ob2 = new Employee ( 124, "Sohan" );

String nof = "today22.txt";

FileOutputStream fos = new FileOutputStream ( nof );

ObjectOutputStream oos = new ObjectOutputStream ( fos );

oos.writeObject ( ob1 );

oos.writeObject ( ob2 );

oos.writeObject ( ob2 );

oos.close ();

fos.close ();

FileInputStream fis = new FileInputStream ( nof );

ObjectInputStream ois = new ObjectInputStream ( fis );

while ( fis.available () != 0 ) {

Employee temp = ( Employee ) ois.readObject ();

System.out.println ( temp.eid + " " + temp.ename );

}

ois.close ();

fis.close ();

}

}

Output:-

