```
package com.sxt.Io03;

import java.io.BufferedInputStream;
import java.io.BufferedOutputStream;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.IOException;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;
import java.io.OutputStream;
import java.util.Date;

/**
* 对象流：
* 1.写出后读取
* 2.读取的顺序与写出保持一致
* 3.不是所有的对象都可以序列化    Serializable
*
* ObjectOutputStream
* ObjectInputStream
* @author 江
*
*/

public class ObjectTest02 {
	public static void main(String[] args) throws ClassNotFoundException {
		//写出-->序列化
		try(OutputStream baos=new FileOutputStream("abc.txt");
		ObjectOutputStream oos=new ObjectOutputStream(new
BufferedOutputStream(baos))){
			//操作数据类型+数据
				oos.writeUTF("编码心酸泪");
				oos.writeInt(8);
				oos.writeBoolean(false);
				oos.writeChar('江');
```

```
                        //对象
                        oos.writeObject("谁解其中味");
                        oos.writeObject(new Date());
                        Employee emp=new Employee("马云",400);
                        oos.writeObject(emp);
                        oos.flush();
                        //读取-->反序列化
                        ObjectInputStream ois=new ObjectInputStream(new
BufferedInputStream(new         FileInputStream("abc.txt")));
                        //顺序与写出一致
                        String str=ois.readUTF();
                        int a=ois.readInt();
                        boolean flag=ois.readBoolean();
                        char c=ois.readChar();
                        //对象的数据还原
                        Object o1=ois.readObject();
                        Object o2= ois.readObject();
                        Object o3=ois.readObject();
                        //注意进行强转
                        if(o3 instanceof Employee) {
                                Employee emp2=
(Employee)o3;
                                System.out.println(emp2.getName()+"--
>"+emp2.getSalary());
                        }
                }catch(IOException e) {
                        System.out.println("操作异常");
                }


}
}
```