```java
package com.sxt.prototype;

import java.io.ByteArrayInputStream;
import java.io.ByteArrayOutputStream;
import java.io.IOException;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;
import java.util.Date;

/**
 * 原型模式(深复制，使用序列化和反序列化实现深复制)
 * @author 江
 *
 */

public class Client03 {
    public static void main(String[] args) throws Exception {
        Date date=new Date(123123123123L);
        Sheep02 s1=new Sheep02("少利",date);
        System.err.println(s1);
        System.err.println(s1.getSname());
        System.err.println(s1.getBirthday());

        //Sheep02 s2=(Sheep02) s1.clone();    //实现深复制。s2对象的birthday是一个新对象!
        //使用序列化和反序列化实现深复制
        ByteArrayOutputStream bos=new ByteArrayOutputStream();
        ObjectOutputStream oos=new ObjectOutputStream(bos);
        oos.writeObject(s1);
        byte[] bytes=bos.toByteArray();

        ByteArrayInputStream bis=new ByteArrayInputStream(bytes);
        ObjectInputStream ois=new ObjectInputStream(bis);
        Sheep02 s2=(Sheep02)ois.readObject();  //克隆好的对象!
```

```java
		date.setTime(111222333444555L);
		System.err.println(s1.getBirthday());

		s2.setSname("多利");
		System.err.println(s2);
		System.err.println(s2.getSname());
		System.err.println(s2.getBirthday());
	}
}
```