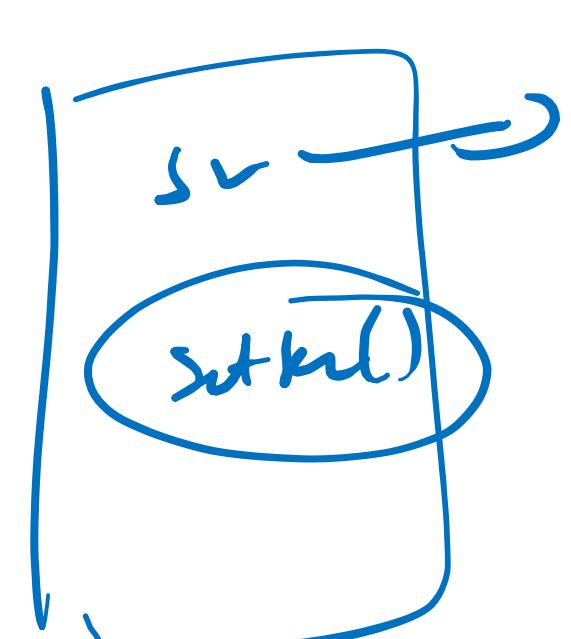


```
public static void main(String[] args) {  
    // TODO Auto-generated method stub  
    // Singleton s1 = new Singleton();  
    // Singleton s2 = new Singleton();  
    // Singleton s3 = new Singleton();  
    // Singleton s4 = new Singleton();  
    Singleton s1 = Singleton.getSingleton();  
    Singleton s2 = Singleton.getSingleton();  
    System.out.println(s1.hashCode());  
    System.out.println(s2.hashCode());  
}
```



```
private static Singleton s;  
private Singleton() {  
    // TODO Auto-generated constructor stub  
}  
public static Singleton getSingleton() {  
    if (s == null) {  
        s = new Singleton();  
    }  
    return s;  
}
```

```
synchronized public static Singleton getSingleton() {  
    if (s == null) {  
        s = new Singleton();  
    }  
    return s;  
}
```

```
private static Singleton s;  
private Singleton() {  
    // TODO Auto-generated constructor stub  
}  
public static Singleton getSingleton() {  
    if (s == null) {  
        s = new Singleton();  
    }  
    return s;  
}
```

```
public static Singleton getSingleton() {  
    if (s == null) {  
        synchronized (Singleton.class) {  
            if (s == null) {  
                s = new Singleton();  
            }  
        }  
    }  
    return s;  
}
```

```
public static Singleton getSingleton() {  
    if (s == null) {  
        synchronized (Singleton.class) {  
            if (s == null) {  
                s = new Singleton();  
            }  
        }  
    }  
    return s;  
}
```

How to Serialize (Save) and De-serialize(Restore) Objects?

