**Java Serialization**

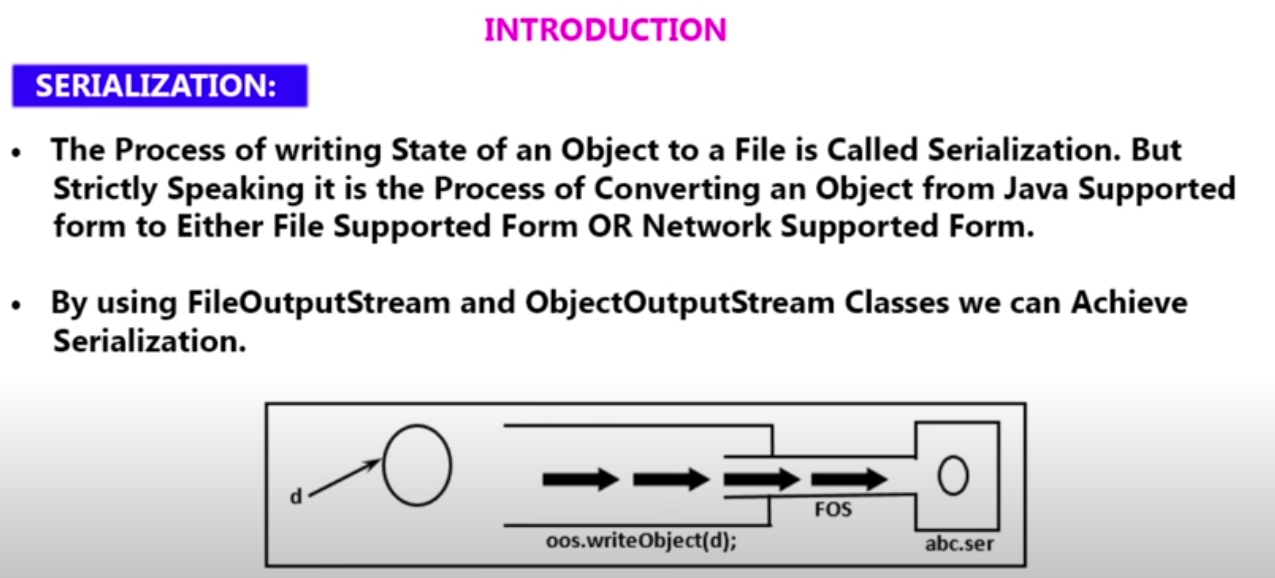
The process of saving state of an Object to a file is called Serialization.

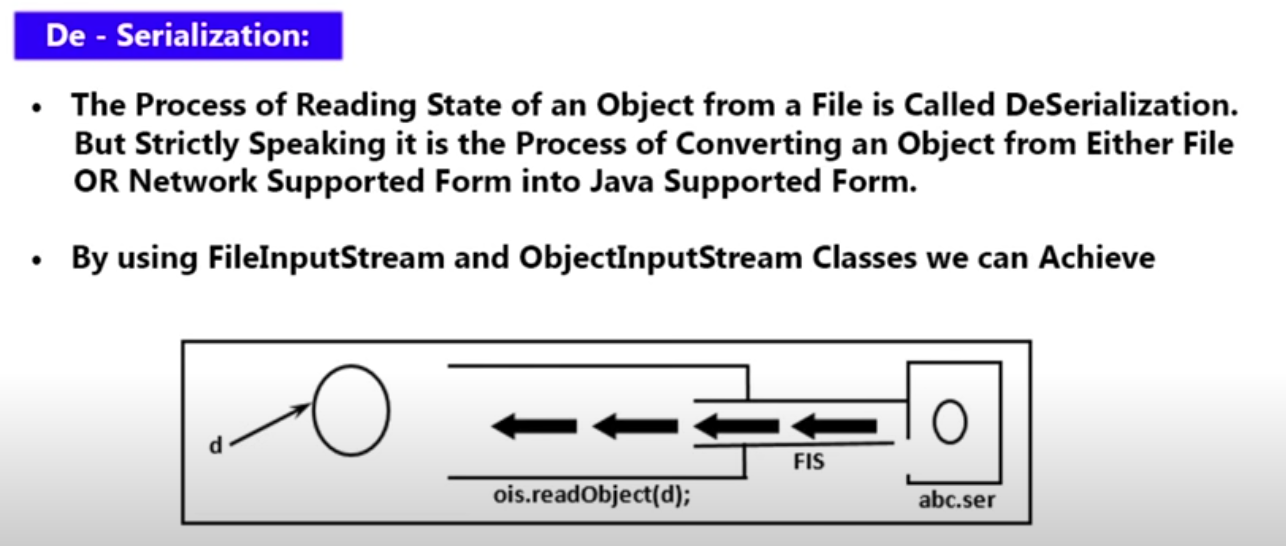
The process of converting an object from Java Supported form to File / Network supported form.

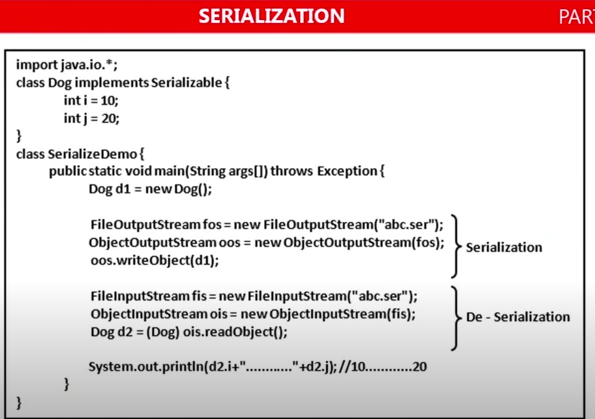
**Deserialization**:

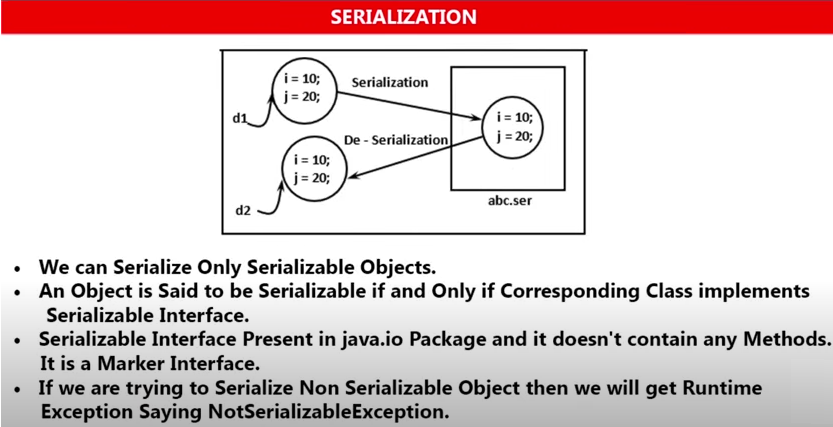
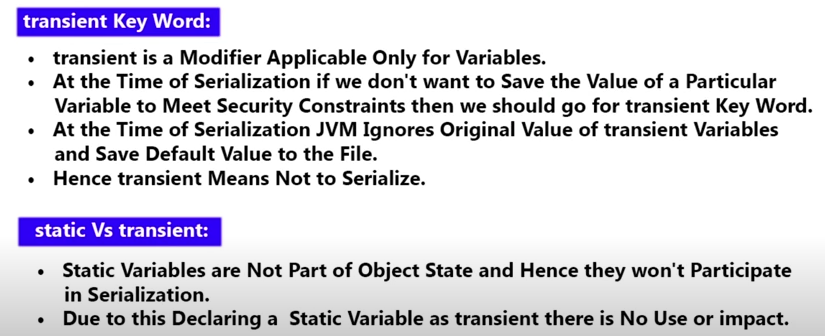
Process of reading state of an object from a file.

The process of converting a File / Network supported form to Java Supported form.

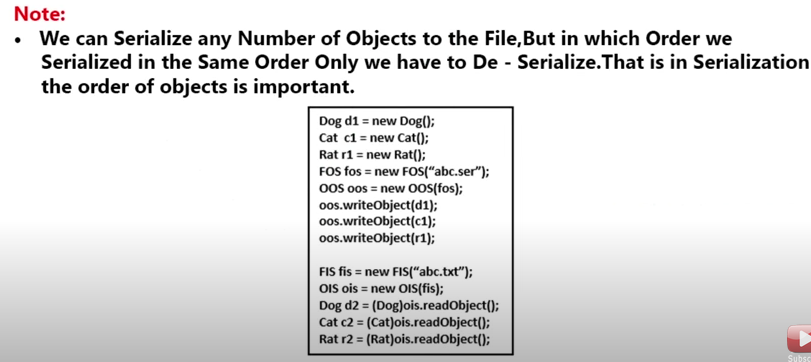


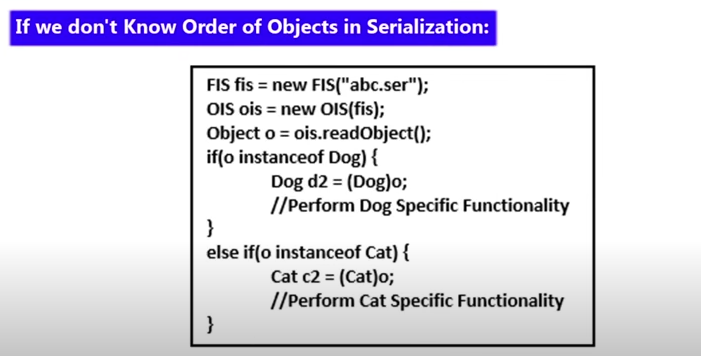


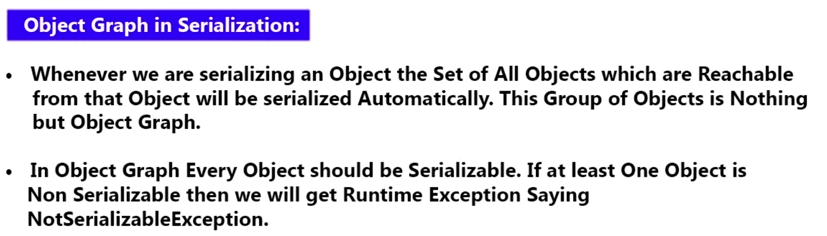


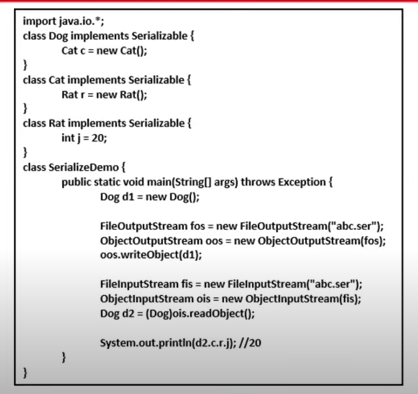
  


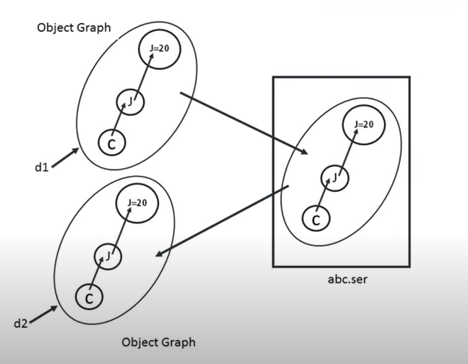


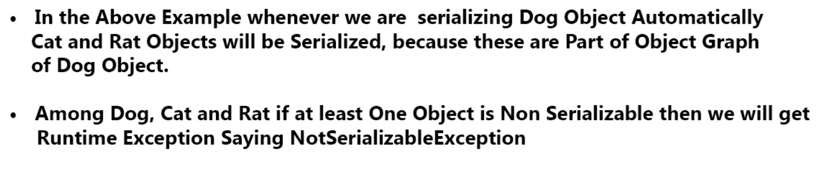


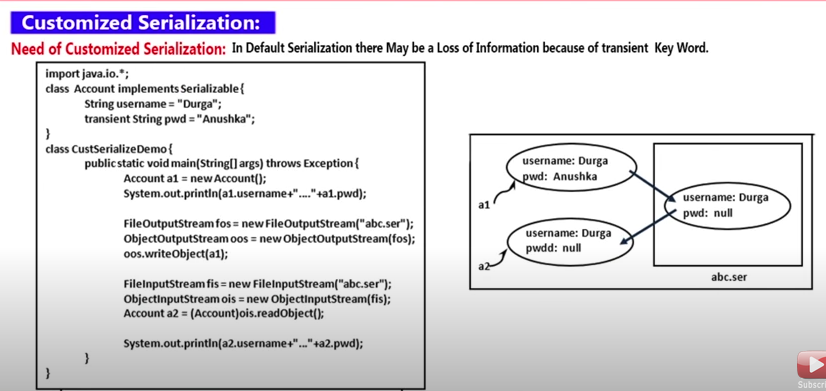


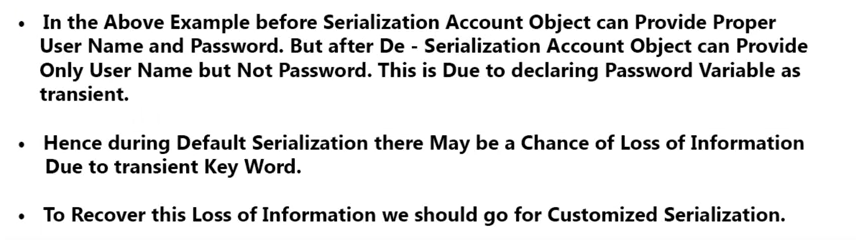




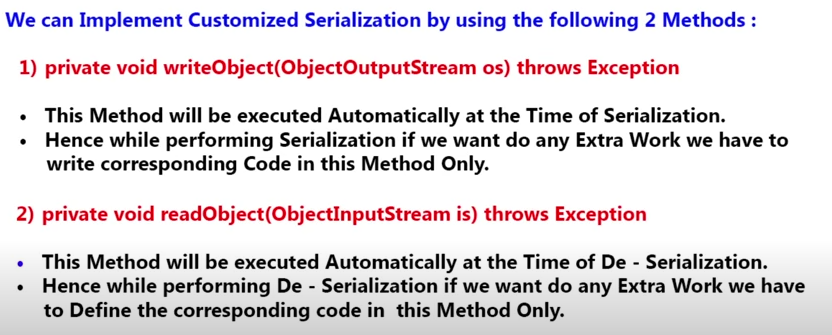


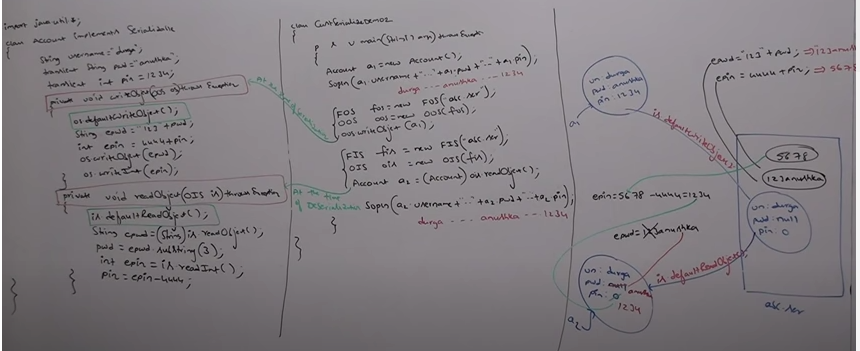


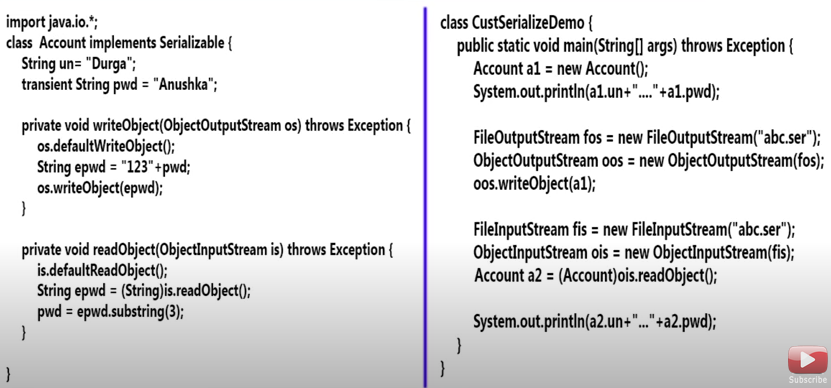


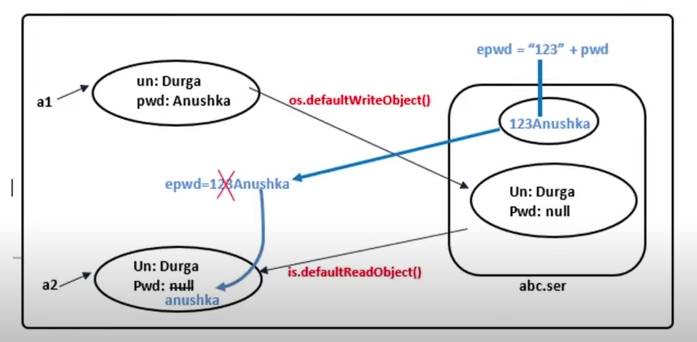


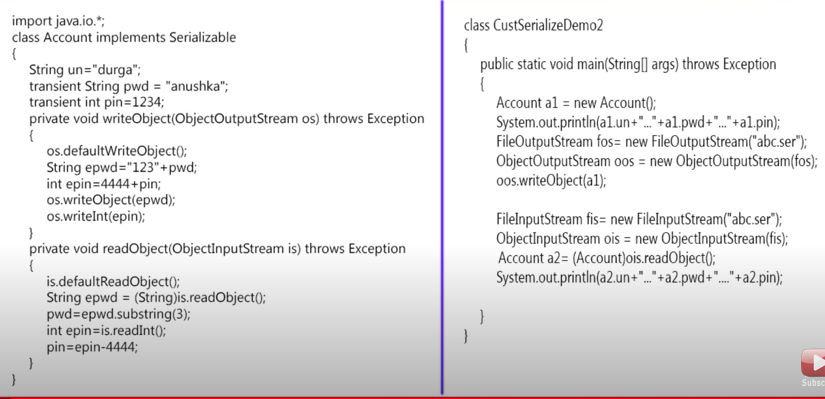
**Any method executed automatically by JVM is called callback method**

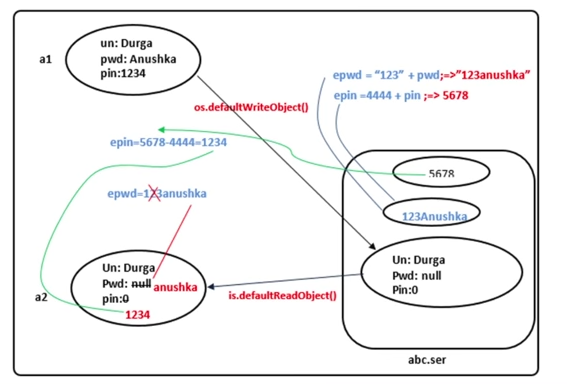


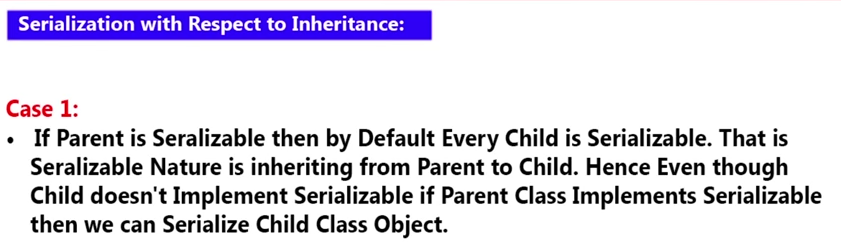


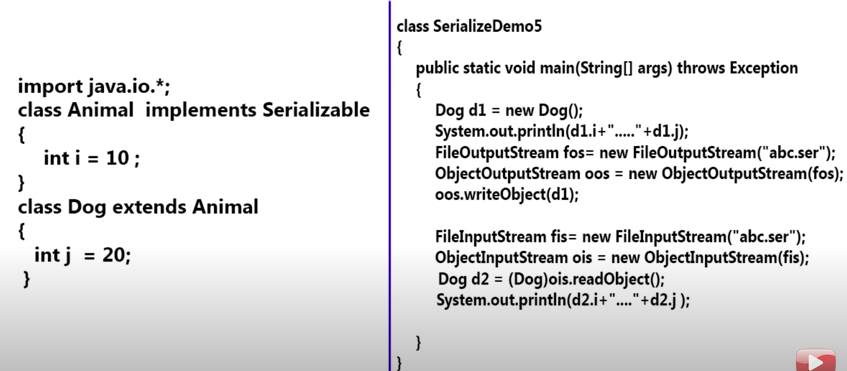


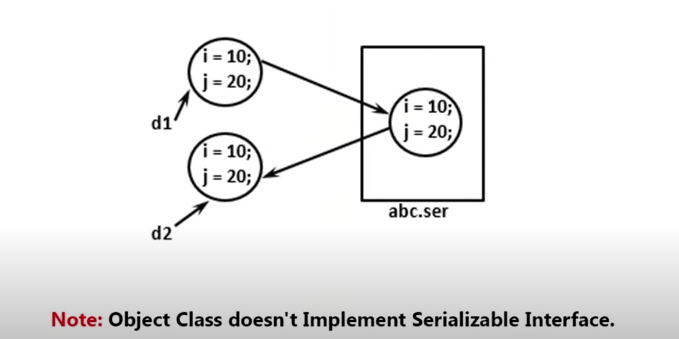


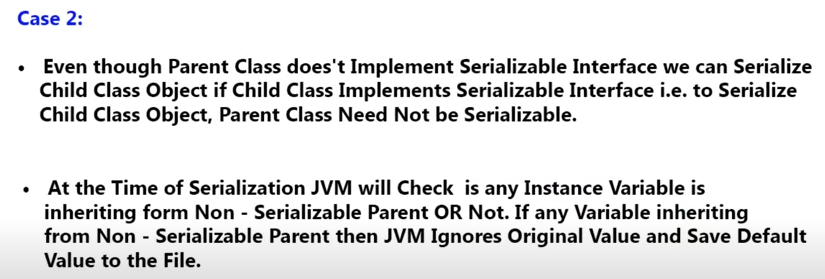


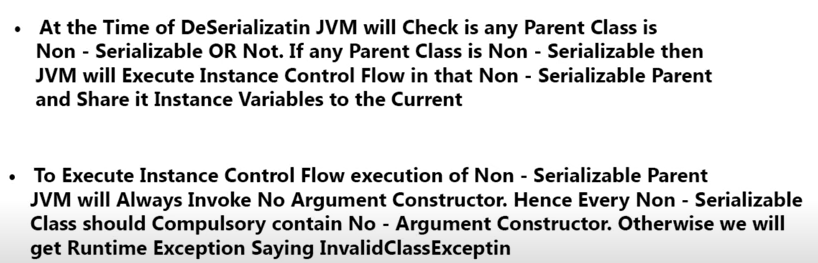


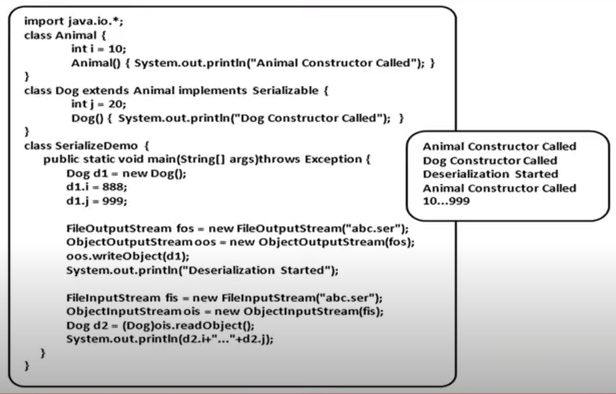


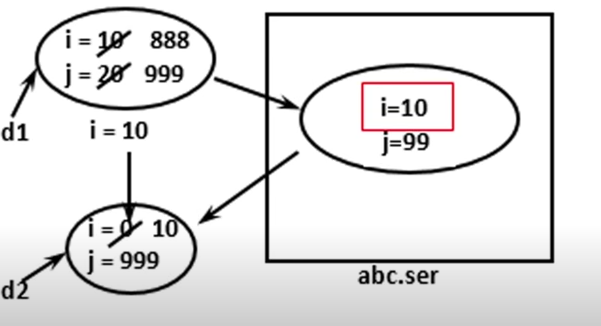












**Externalization:**

**Disadvantage of Serialization**

1. In Serialization, everything is taken care by JVM. Programmer does not have any control.
2. In Serialization, it is not possible to save part of Object.

In Externalization programmer will have to handle everything.

