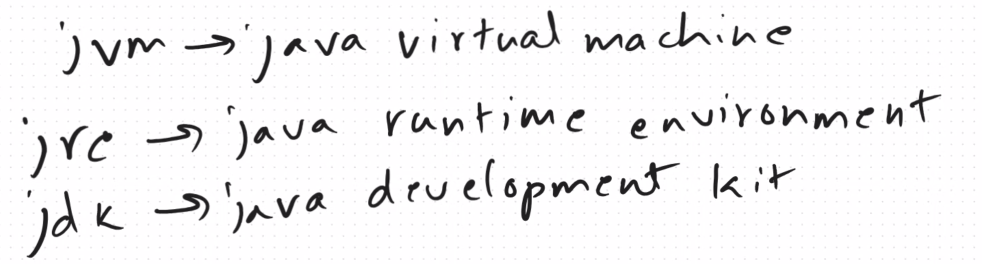
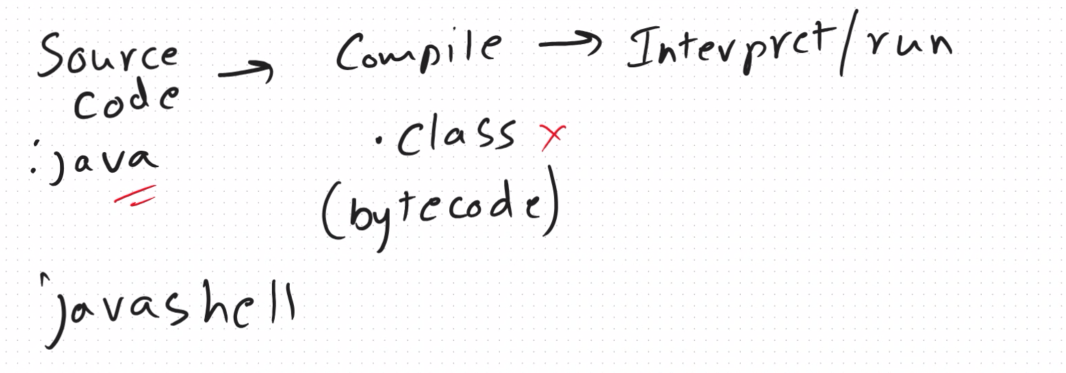


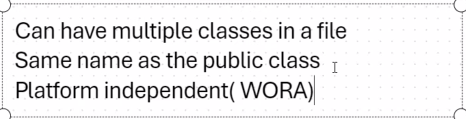
In Java things are based on classes & objects

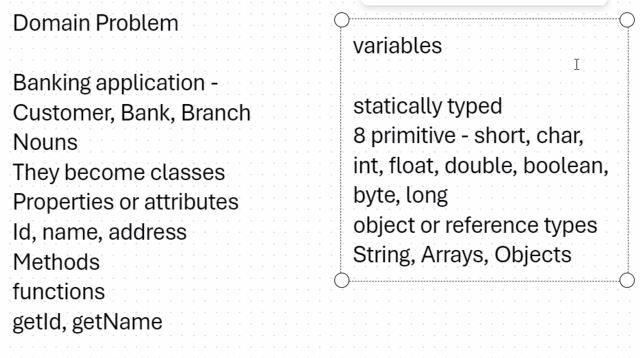
Every program in java in stored in .java extension.

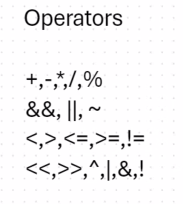
Now can do functional programming also

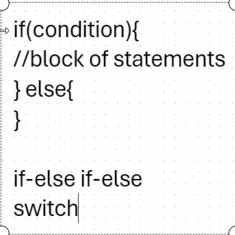






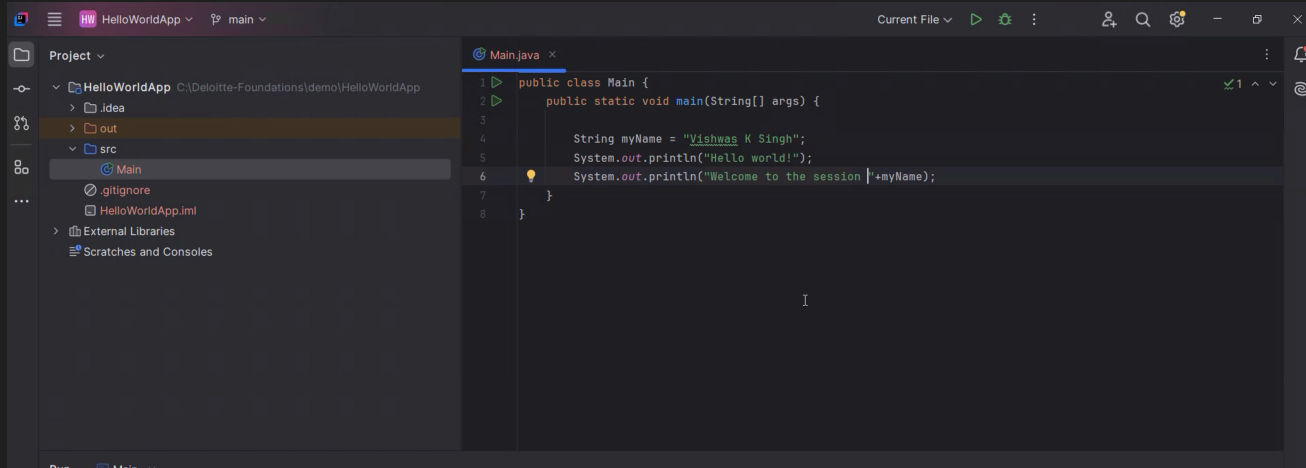


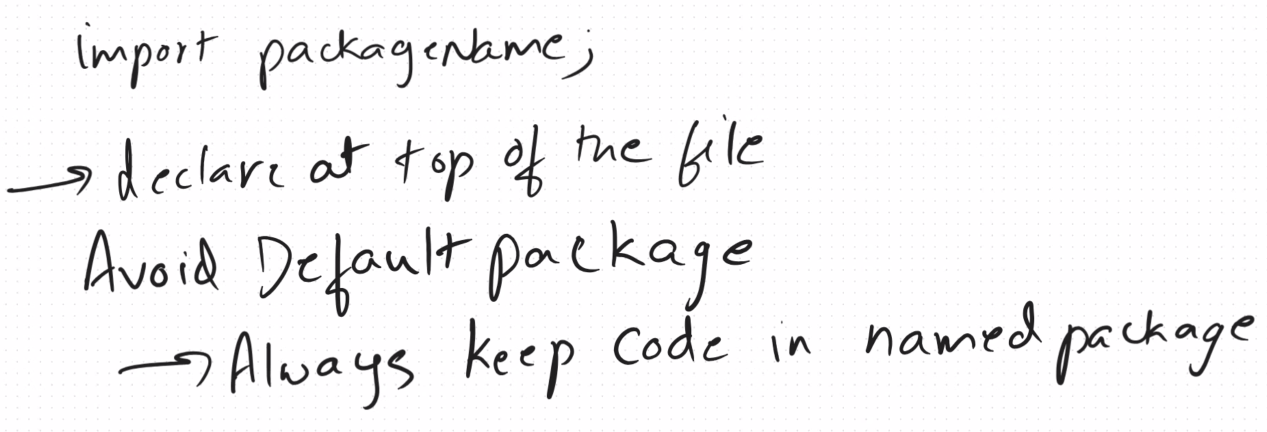






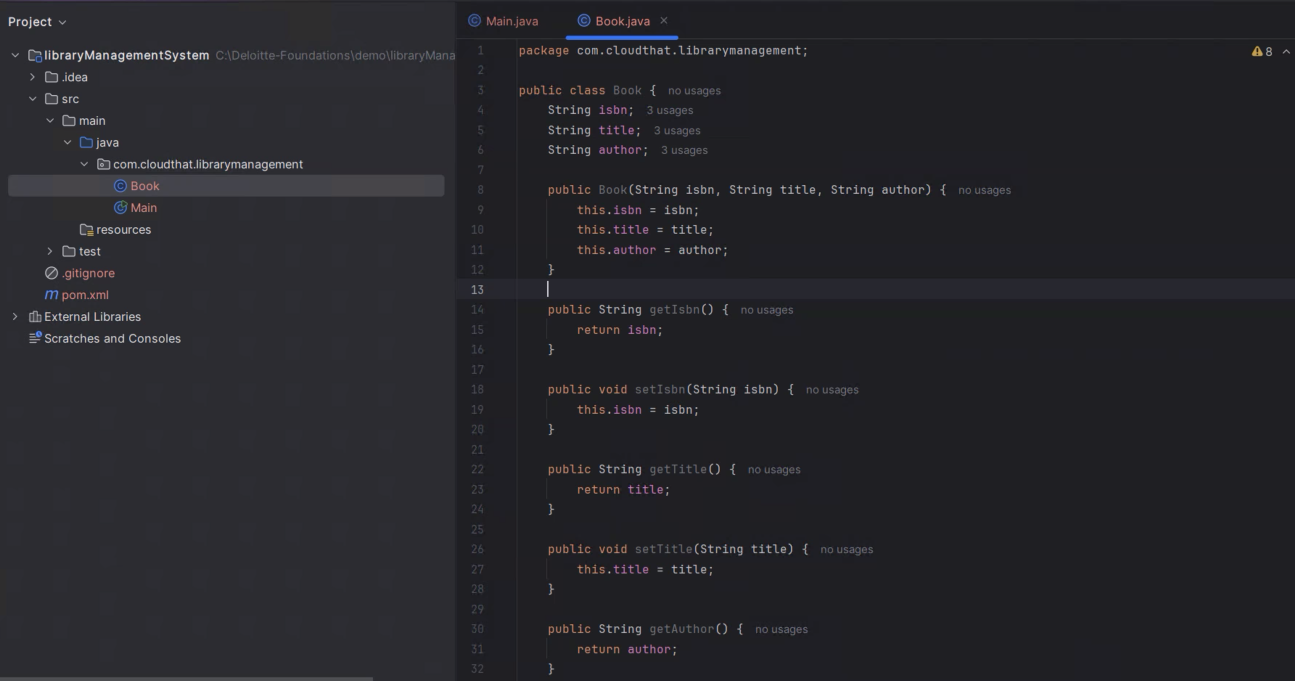








Maven is projet management tool, especially used in java project development.



Access modifiers are those keywords which restrict access to particular variable or data.

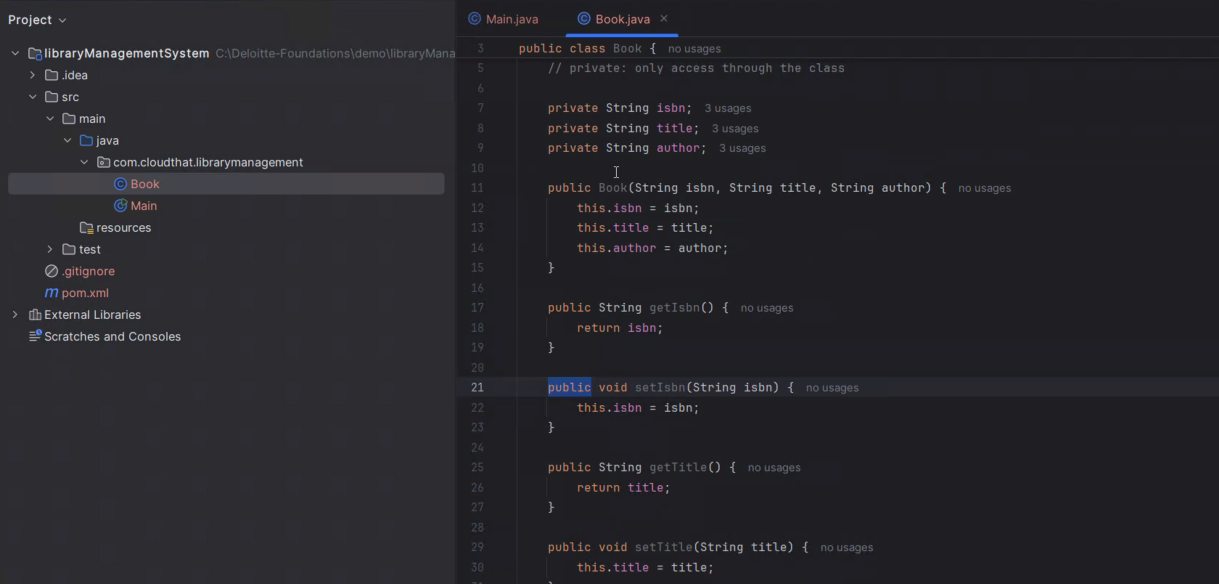
-Public

-Protected

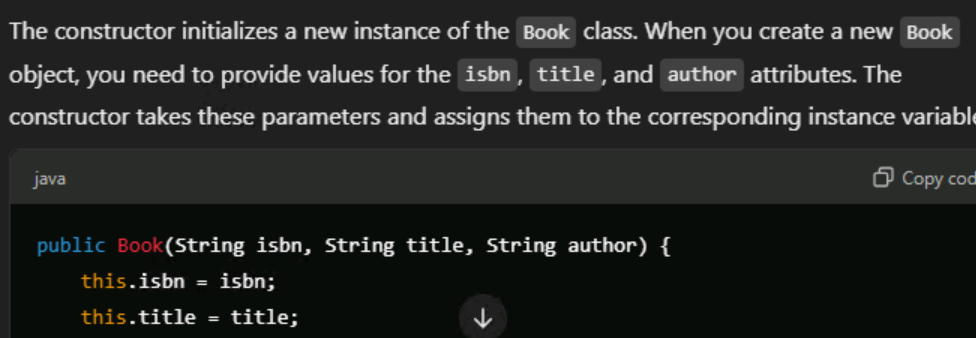
-Default

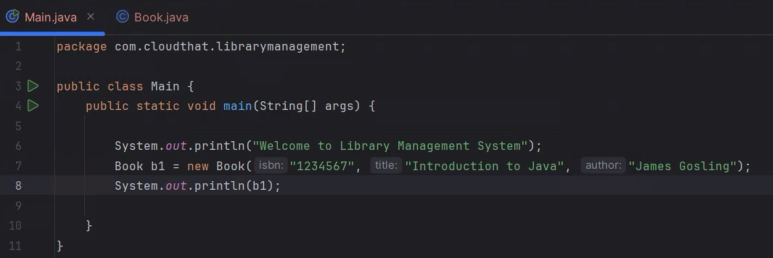
-Private

Private – only accessed through the class. It means we are securing it.



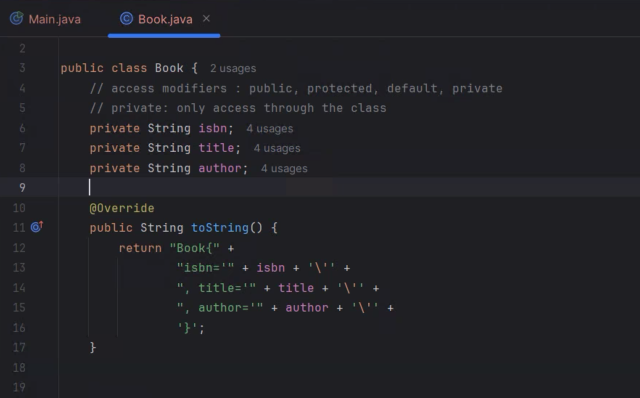
Constructor is a special method which runs whenever we create an object.





Object created is stored as a hash value in ram which can be printed with s.o.p

To String:



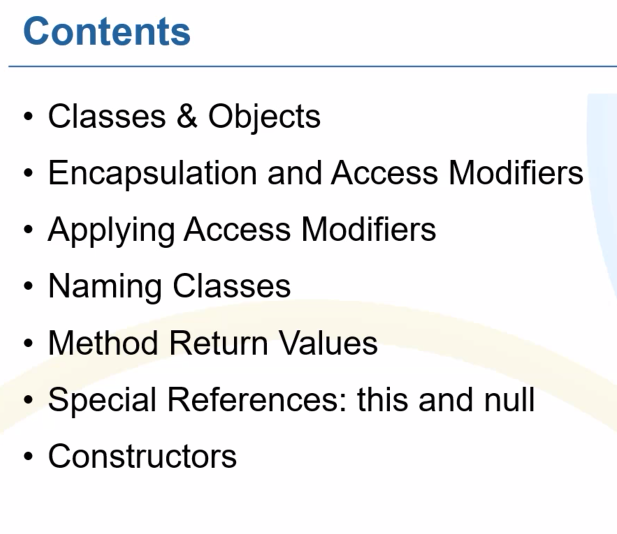
**MULTIPLE INHERITANCE** IS NOT POSSSIBLE IN JAVA

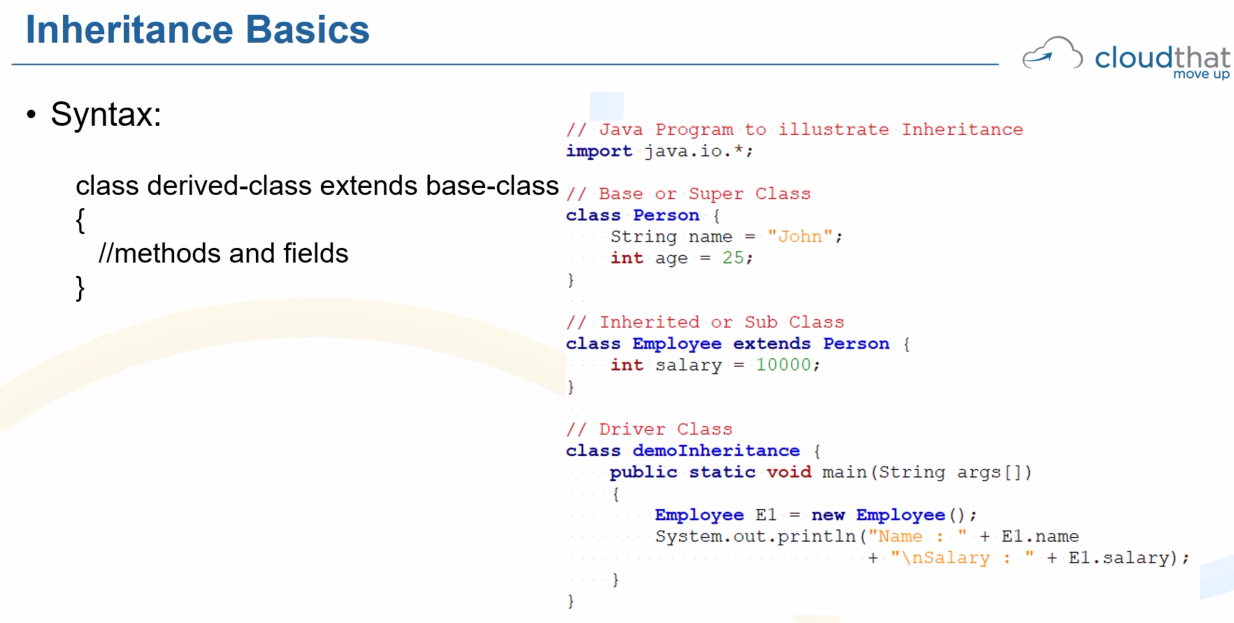
If we want to implement **multiple inheritance** in java we must use **INTERFACE.**

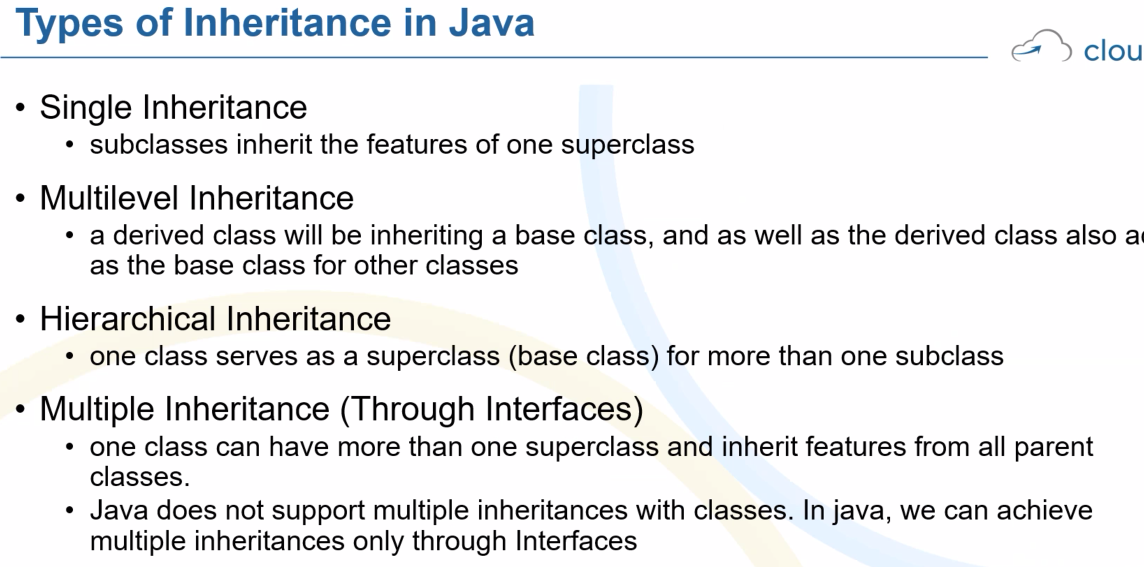
One class can **inherit(extend)** single class but can implement multiple interfaces.

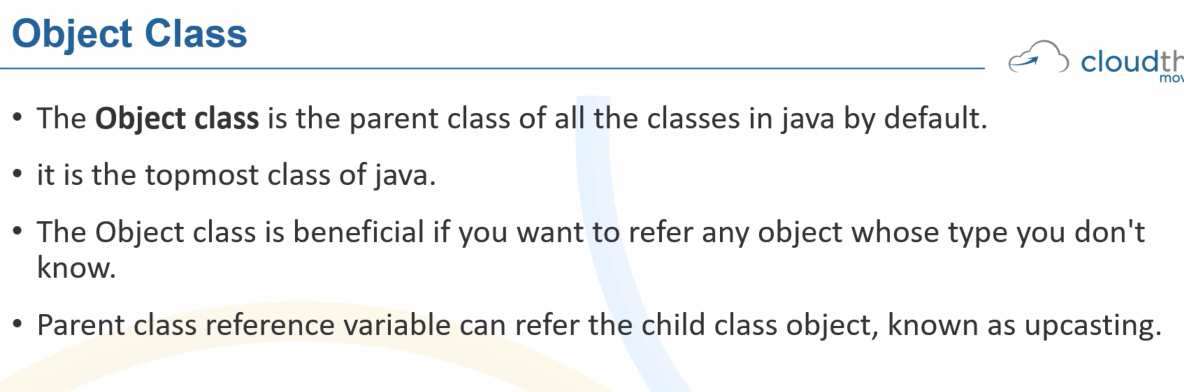
Interfaces is like abstract class, which does not have any implementations (definitions)

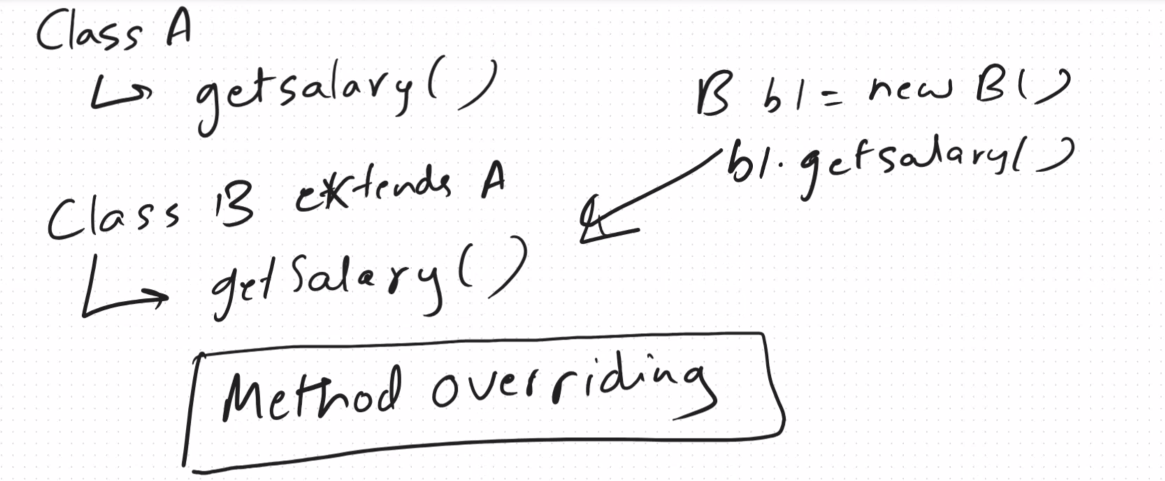
CORE JAVA

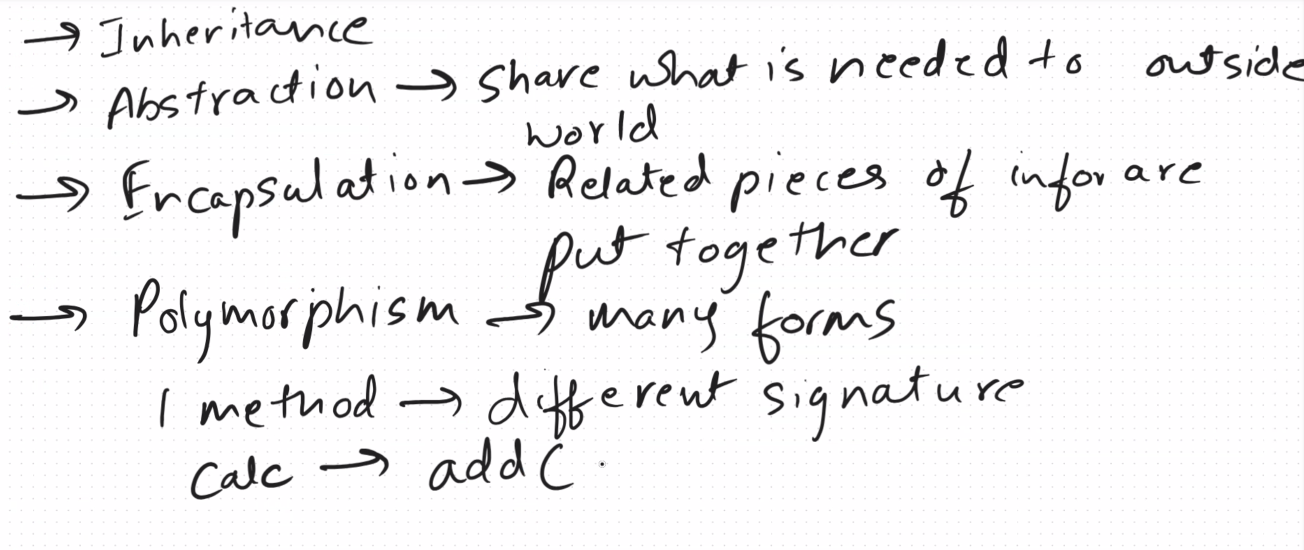


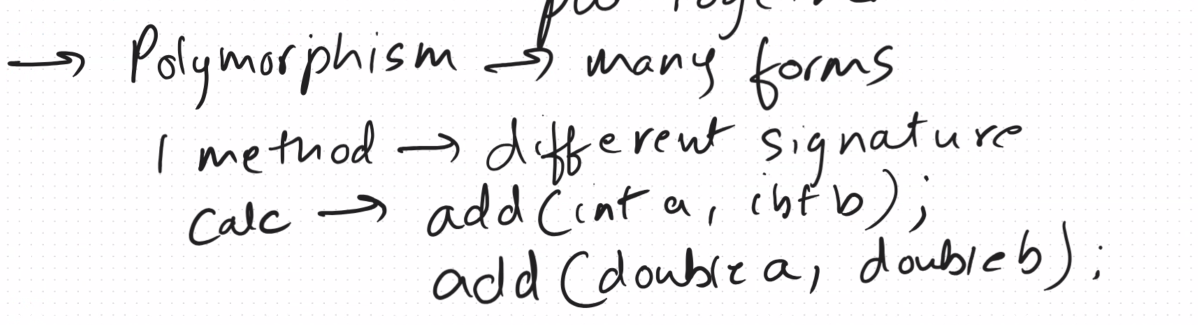






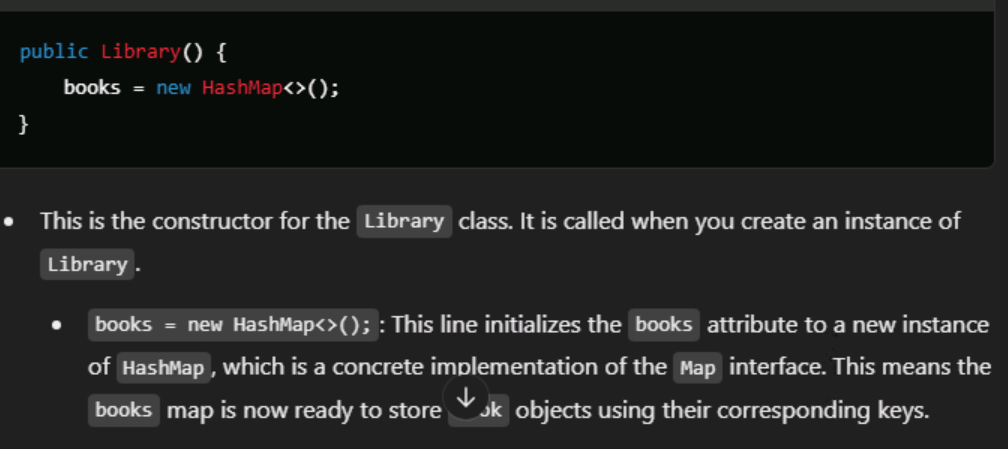
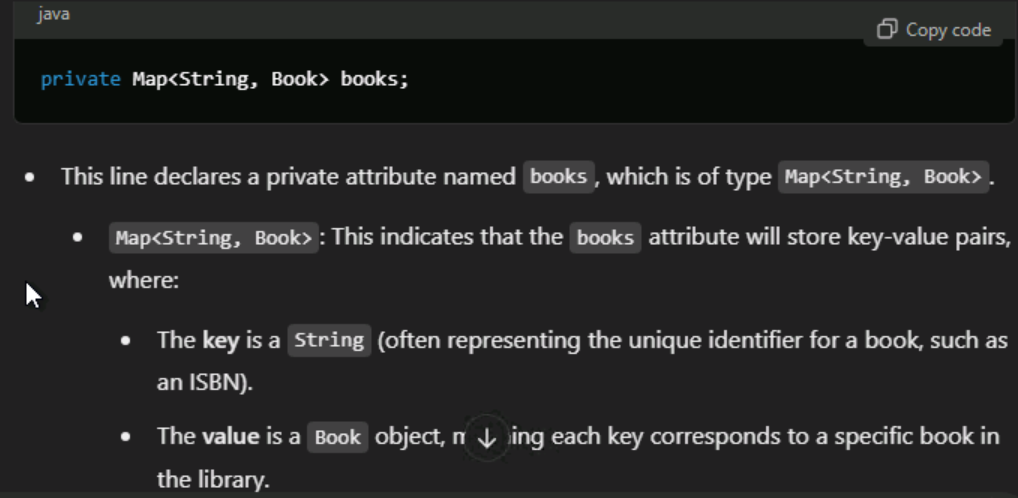


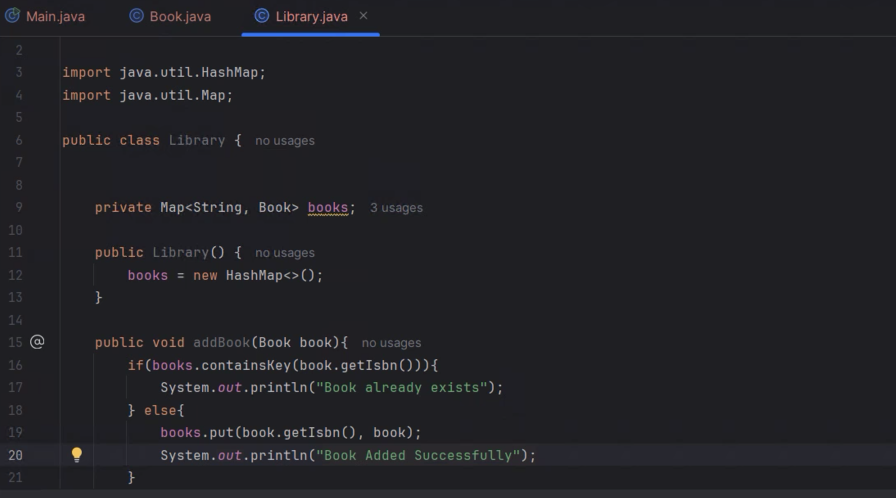


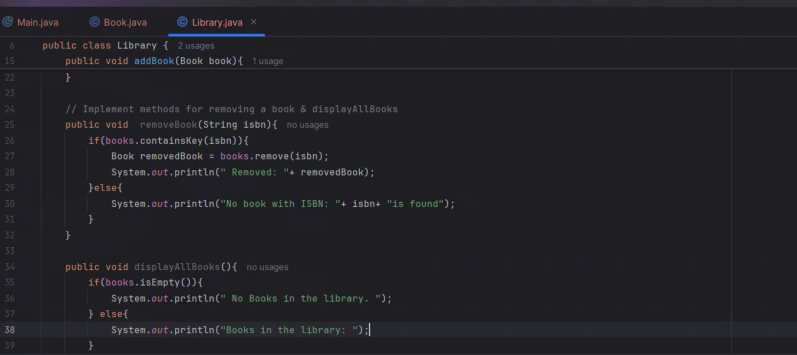


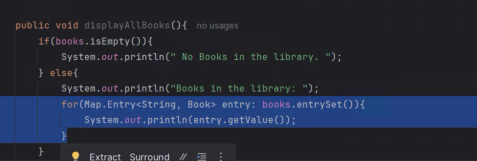
<https://docs.oracle.com/javase/tutorial/collections/interfaces/index.html>

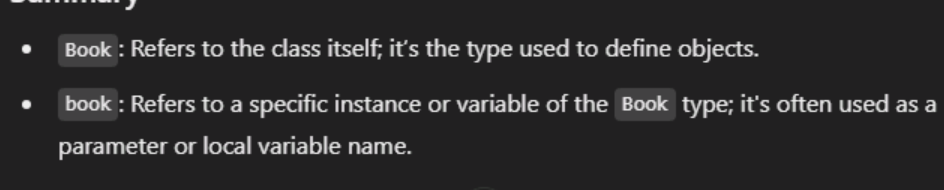


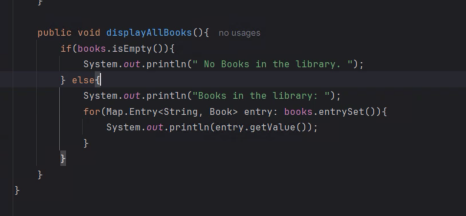




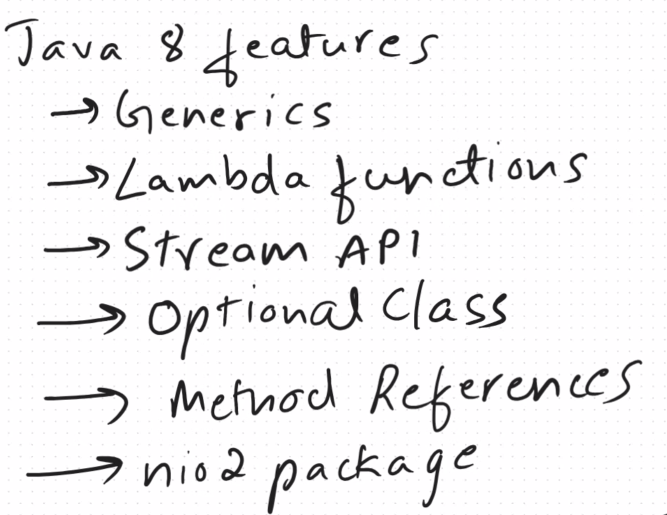


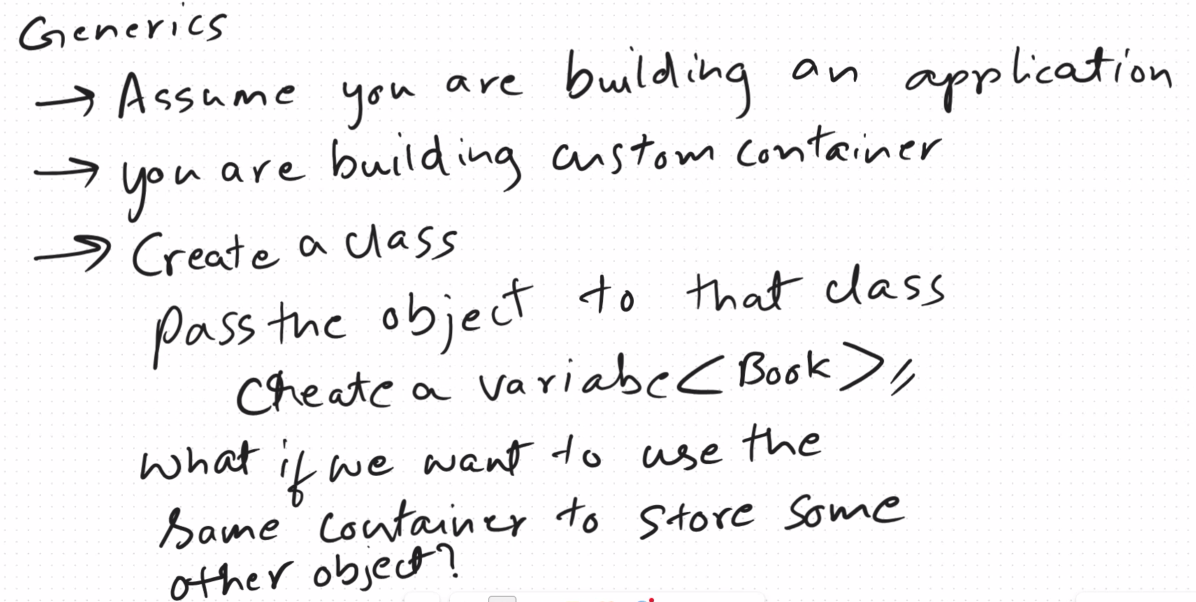




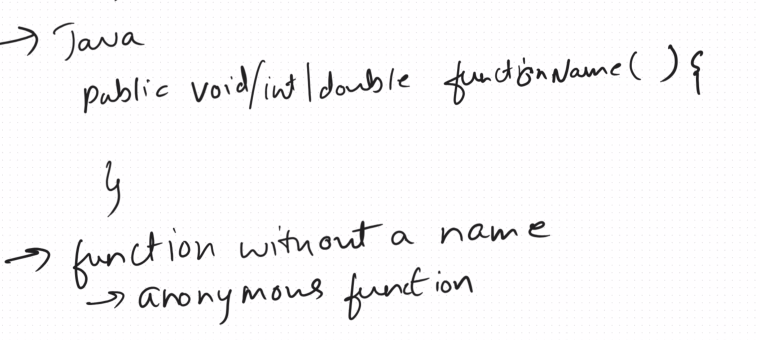


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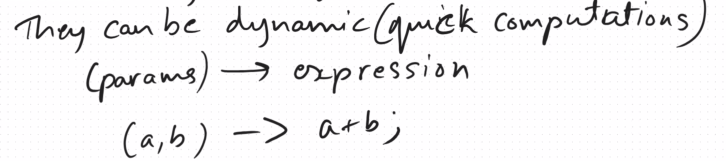


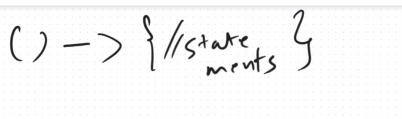


<https://www.oracle.com/technical-resources/articles/java/juneau-generics.html>

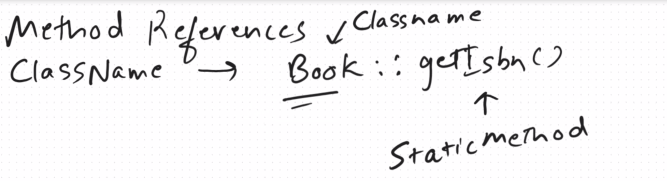


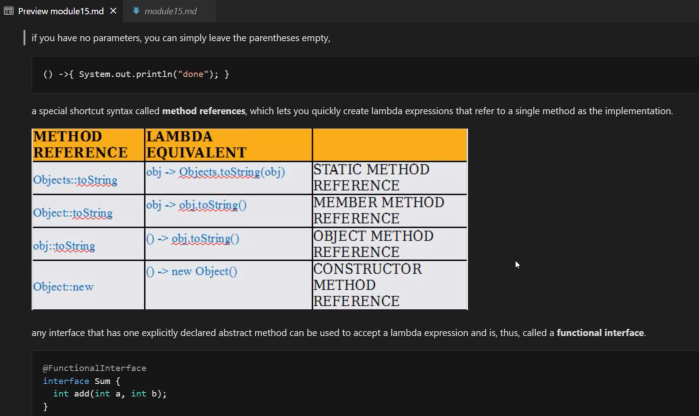
Anonymous Function: or Lambda Function

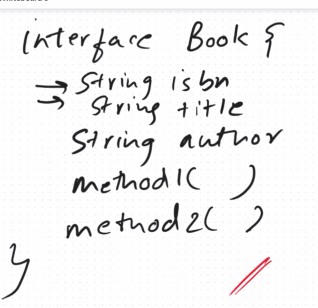


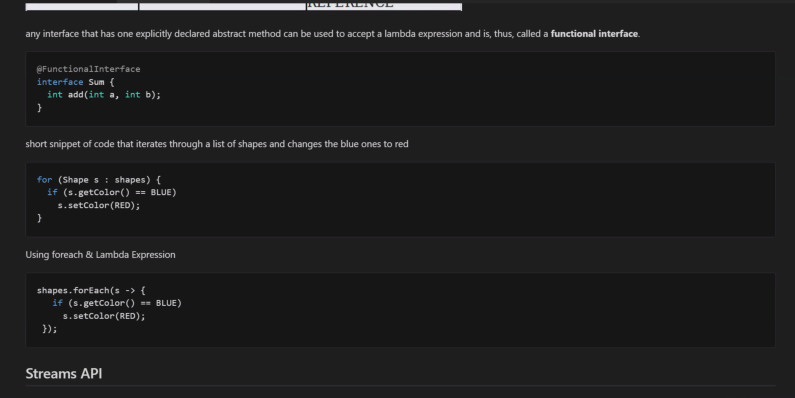


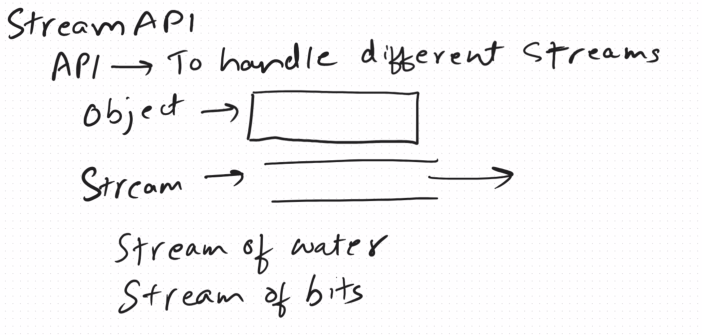
Method References



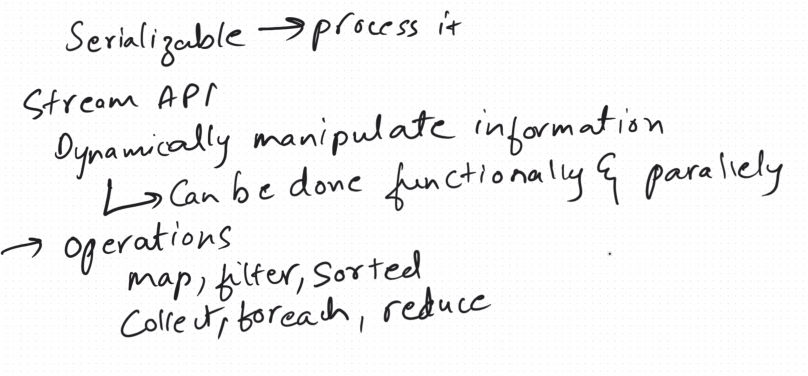


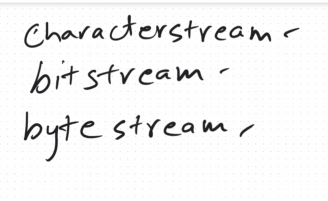




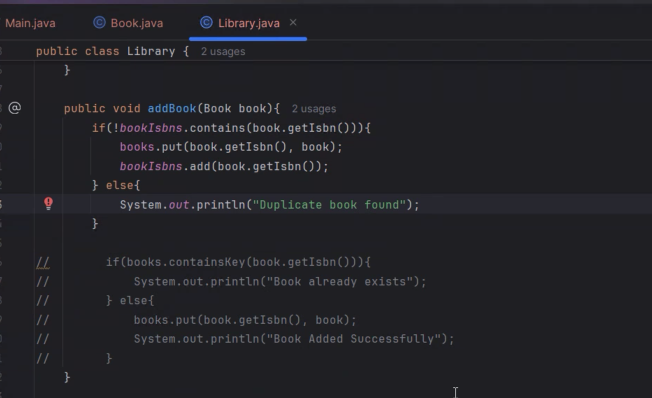
Stream: (continuous flow of information)

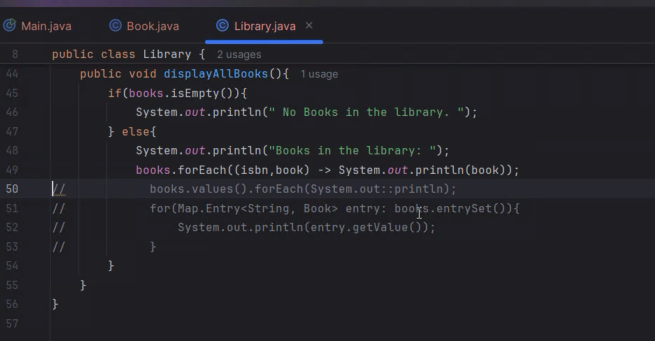
Operations that we can perform on stream



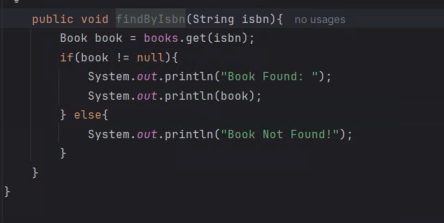


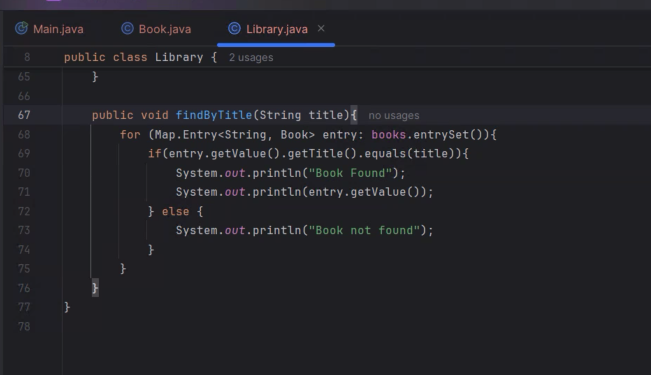






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