Dyramic | Runtine | Overliding -> Different Classes in multiple child classes, the percess is called using according to their business requirement! class Main {
class Inner { 3 man () 5 3 Academ |\_ Outer\_ Class. Inner- Class in-obj = out-obj-new Inner-(less (); System for rested class object. Association Relation b/w all classes s'interfaces inside an application. Complyee has an address Cot is a animal Composition Inharitance Agglegation x No extends Car MP3 Player Keyword Cal | Engine extends Loose Coupling Tight Coupling HAS-A Relationship IS-A Relationship Exception Handling) Exoption Anything that disturbs / dissubte umbrella the normal flow 84B OWT of Memory Of execution of code is alled an exception. Exception Handling the process of handingencethions -> (Throwable) Enception custom exceptions Java catch ( except: Catch ( ~ class Nome (); destructor finally: Linally ? No finally block. \* Con me sum a java application oithout using he "main" "method? ⇒ No, main method is mandatory. All jawa resouces are struted in the Till 1.6 it was not mandadory. Static block. L) we were waing static blocks Static 2 1.7 version main is mand story (Object) Instance Initializer Block (IIB)
If we want to pass any info to each object,
we use IIB. Order of execution: \* Static block contents -> This is always first

\* main method contents -> if written earlier \* 11B untents -) if written earlier \* finally block executes - at the end multiple static blodes ) Topto Bottom \* muliple IIBs -> Top to Bottom try, catch, findly, static, 110,
throws, Throwable. Usen defined exaptions \* The them keyword is used to create User Defined Encephisms ( Custom Exceptions) \* for checked exception we must use fry-catch en throws. \* For unchecked exceptions it is not mandatory to use try-atch or theories. \* The throws key wood is used to suppress the warnings in the method signature itself o method name () throws { (try with resources) } \* Can me write a try block without catch and finally? \*\* \*\* Oracle / Amazon / Microsoft (11) Then how is the resource getting closed!