|  |
| --- |
| 1. [Inheritance(IS-A)](https://www.javatpoint.com/inheritance-in-java)  🡪2,3 2. [Aggregation(HAS-A)](https://www.javatpoint.com/aggregation-in-java)  🡪4,5 3. [Method Overloading](https://www.javatpoint.com/method-overloading-in-java)  🡪6,7 4. [Method Overriding](https://www.javatpoint.com/method-overriding-in-java)  🡪 8,9 5. [Covariant Return Type](https://www.javatpoint.com/covariant-return-type)  🡪 10,12 6. [super keyword](https://www.javatpoint.com/super-keyword)  🡪 13,14 7. [Instance Initializer block](https://www.javatpoint.com/instance-initializer-block)  🡪 15,17 8. [final keyword](https://www.javatpoint.com/final-keyword)  🡪 18,19 9. [Runtime Polymorphism](https://www.javatpoint.com/runtime-polymorphism-in-java)  🡪 20,21 10. [Dynamic Binding](https://www.javatpoint.com/static-binding-and-dynamic-binding)  🡪 22,23 11. [instanceof operator](https://www.javatpoint.com/downcasting-with-instanceof-operator)  🡪 24,25 12. Upcasting 🡪 26,27 13. Downcasting 🡪 28,29 14. [Abstract class](https://www.javatpoint.com/abstract-class-in-java) 🡪 15. [Interface](https://www.javatpoint.com/interface-in-java) 16. [Abstract vs Interface](https://www.javatpoint.com/difference-between-abstract-class-and-interface) 17. [Package](https://www.javatpoint.com/package) 18. [Access Modifiers](https://www.javatpoint.com/access-modifiers) 19. [Encapsulation](https://www.javatpoint.com/encapsulation) 20. [Java Exceptions](https://www.javatpoint.com/exception-handling-in-java) 21. [Java Try-catch block](https://www.javatpoint.com/try-catch-block) 22. [Java Multiple Catch Block](https://www.javatpoint.com/multiple-catch-block-in-java) 23. [Java Nested try](https://www.javatpoint.com/nested-try-block) 24. [Java Finally Block](https://www.javatpoint.com/finally-block-in-exception-handling) 25. [Java Throw Keyword](https://www.javatpoint.com/throw-keyword) 26. [Java Exception Propagation](https://www.javatpoint.com/exception-propagation) 27. [Java Throws Keyword](https://www.javatpoint.com/throws-keyword-and-difference-between-throw-and-throws) 28. [Java Throw vs Throws](https://www.javatpoint.com/difference-between-throw-and-throws-in-java) 29. [Final vs Finally vs Finalize](https://www.javatpoint.com/difference-between-final-finally-and-finalize) 30. [Exception Handling with Method Overriding](https://www.javatpoint.com/exception-handling-with-method-overriding) 31. What is Multithreading 32. [Life Cycle of a Thread](https://www.javatpoint.com/life-cycle-of-a-thread) 33. [How to Create Thread](https://www.javatpoint.com/how-to-create-a-thread-in-java) 34. [Thread Scheduler](https://www.javatpoint.com/thread-scheduler-in-java) 35. [Sleeping a thread](https://www.javatpoint.com/thread-sleep-in-java) 36. [Start a thread twice](https://www.javatpoint.com/can-we-start-a-thread-twice) 37. [Calling run() method](https://www.javatpoint.com/what-if-we-call-java-run-method-directly) 38. [Joining a thread](https://www.javatpoint.com/java-join-method) 39. [Naming a thread](https://www.javatpoint.com/naming-a-thread-in-java) 40. [Thread Priority](https://www.javatpoint.com/priority-of-a-thread-in-java) |