

Topics	Java	Diffirences
Basics	what is JVM, JDK & JRE	local vs global variable
	What is class	method vs constructor
	What is Keyword or Identifier or Literal in java	method vs functions
	what is variable	static vs non-static
	what is function or method	non static block vs constructor
	what is static?	static block vs non-static block
	what is block?	
	what is static block or SIB?	
	what is non-static block or IIB or NSIB	
	what is overloading	
	what is constructor	
	what is constrctor overloading?	
	what is method overloading	
	what is this keyword	
	what is this() statement	
	can we overload main()	
	can a source file have more than one class	
	list out any 5 keywords	
	what is final keyword	
	rule of overloading	
	what is Primitives and Non-Primitives datatypes in Java?	
	Can main method be overridden?	
	Can we override static method?	
	Can we execute a java program without main method?	
	What is the use of constructor in java	
	Is it possible to extend Final Class?	
	Can we override constructor?	
	How to prevent the override method in Java?	
	Will Java provide default constructor by own ? How	

	class A have 3 method, class B have 2 method, class B inherited class A, how do you call method of class A by creating object of class B?	
	Types of constructors	
	what is object	
	What is class	
	How much memory does a class occupy?	Classes do not consume any memory. They are just a blueprint based on which objects are created. Now when objects are created, they actually initialize the class members and methods and therefore consume memory.
	why constructor doesn't have return type?	
Opps	what is inheritance?	this vs super
	why we need inheritance	this() vs super()
	why java doesn't support multiple inheritance	abstract class vs interface
	what is chaining of constructor	overloading vs overriding
	what do you mean by abstract keyword	runtime vs compile time poly
	what is abstract class	static vs dynamic binding
	what is abstract methos	early vs late binding
	what is abstraction and how to achieve it	for loop vs for-each loop
	can we declare a method with abstract and final	immutable vs mutable class
	what is concreate class or method?	
	what is overriding	String vs StringBuffer
	why we need overriding	String vs StringBuilder
	what is diamond problem in java	String vs StringBuffer vs StringBuilder
	what is new in java8 for interface?	==' vs equals() in string class
	what is polymorphism and we need it expain with realtime example	boxing vs unboxing

	real time example for inheritance, abstraction, polymorphism and encapsulation	
	real time example for runtime polymorphism	
	how to achieve runtime polymorphism	
	what is casting in java and why we need it	
	what is Homogeneous and Heterogeneous statement	
	what is upcasting and when are we using it	
	what is downcasting and how can we achieve it	
	what is derived or non-primitive casting	
	what is widening and narrowing	
	what is multilevel inheritance	
	list out access-modifiers	
	list out non-access-modifiers	
	what is package and why we need it in java	
	what is array in java	
	what is object class, list out any 5 methods of object class	
	explain System class	
	can you explain the making of System.out.println()	
	explain main()	
	how can a program take input from keyboard	
	list out methods available in Scanner class to take various type of data from keyboard	
	what is Scanner class	
	What is String class	
	what is immutable class in java	
	what is mutable class in java	
	how to create immutable class in java	
	possible ways to create object of string class	
	prepare all the string class methods, interviewer might ask you to explain the working of any String class method	
	what is fully encapsulated class	

	what is java beans class	
	what is the use of intern() of string class	
	what is sting constant pool	
	what is Singleton class	
	how to create Singleton class	
	what is wrapper class	
	why we need wrapper class	
	what is boxing operation	
	what is unboxing operation	
	Can you call the base class method without creating an instance?	
	What is the difference between a class and an object?	
	What are the limitations of inheritance?	
	What is a superclass or parent class?	
	What is a subclass?	
	What is static polymorphism?	
	What is dynamic polymorphism?	
	What are virtual functions?	Virtual functions are functions that are present in the parent class and are overridden by the subclass. These functions are used to achieve runtime polymorphism.
	What are pure virtual functions?	Pure virtual functions or abstract functions are functions that are only declared in the base class. This means that they do not contain any definition in the base class and need to be redefined in the subclass.