* **Explain JDK, JRE and JVM?**
* **Explain public static void main (String args[]) in Java.**
* **Why Java is not 100% Object-oriented?**
* What is type casting?
* Is String a primitive or derived type in Java?
* Explain String pool in Java.
* Is String immutable or final in Java? If so, then what are the benefits of Strings being Immutable?
* State the difference between String and StringBuffer.
* State the difference between StringBuffer and StringBuilder in Java.
* In Java, how can two strings be compared?
* What is the use of the substring() method in Java?
* Can we use a string in the switch case in java?
* Is String thread-safe in Java?
* In Java, how do you convert a string to an integer and vice versa?
* How do you check whether a String is empty in Java?
* Define Constructor?
* How many types of Constructors are in Java?
* Is there any method to call a sub-class constructor from a superclass constructor?
* Can we have a constructor in the Interface?
* Explain Constructor Chaining?
* What happens if we provide a return type to a constructor?
* What is a private constructor?
* Why constructors in Java cannot be static?
* Can we make a constructor final?
* What will happen when a constructor is declared as protected?
* What is default constructor?
* What is Parameterized Constructor?
* What is default class modifier?
* What is the use of a final modifier on a class?
* What is the use of a final modifier on a method?
* What is a final variable?
* What is a final argument?
* What is a Static Variable?
* **Which access modifiers can be used with a class?**
* **Can we declare an abstract method as private?**
* **Can a method or a class be final and abstract at the same time?**
* **Why are access modifiers used?**
* **Which is the least restrictive access modifier in Java?**
* **Which is the most restrictive access modifier in Java?**
* **Explain visibility control in Java.**
* **What is**[static keyword in Java](https://javainterviewpoint.com/use-of-static-keyword-in-java/)**?**
* **What is a static variable?**
* **Can we**[Overload](https://javainterviewpoint.com/java-method-overloading-example/)**static methods in Java?**
* **Can we**[Override](https://javainterviewpoint.com/what-is-method-overriding-in-java/)**static methods in Java?**
* Can abstract class have static variable in it?
* **Can we access static members if no instance of the class is constructed?**
* **Can we apply static keyword with a top-level class?**
* **Can we mark a local variable as static?**
* **Can we have a static method in an interface?**
* **Can we use this or super keyword in static method in Java?**
* **Can we override an instance method as static?**
* What is the default value of an object reference declared as an instance variable?
* What will happen if static modifier is removed from the signature of the main method?
* Variable of the boolean type is automatically initialized as?
* If a variable is declared as private, where may the variable be accessed?
* **What is Object Oriented Programming?**
* **Why use OOPs?**
* **What are the main features of OOPs?**
* **What is an object?**
* **What is a class?**
* **Can you call the base class method without creating an instance?**
* **What is the difference between a class and an object?**
* **What is inheritance?**
* **What are the different types of inheritance?**
* **What is the difference between multiple and multilevel inheritance?**
* **What is hybrid inheritance?**
* **What is hierarchical inheritance?**
* **What are the limitations of inheritance?**
* **What is a superclass?**
* **What is a subclass?**
* **What is polymorphism?**
* **What are virtual functions?**
* **Differentiate between a class and a method.**
* **Differentiate between an abstract class and an interface?**
* **What is static polymorphism?**
* **What is dynamic polymorphism?**
* **What is method overloading?**
* **What is method overriding?**
* **Differentiate between overloading and overriding.**
* **What is encapsulation?**
* **What are ‘access specifiers’?**
* **What is abstraction?**
* **How to achieve abstraction?**
* **What is an abstract class?**
* **Can you create an instance of an abstract class?**
* **What is an interface?**
* Can an Interface extend another Interface?
* **Differentiate between data abstraction and encapsulation.**
* **What is an exception?**
* **What is exception handling?**
* **What is the difference between an error and an exception?**
* **What is a try/ catch block?**
* **What is a finally block?**
* What do you mean by Checked Exceptions?
* Explain Runtime Exceptions?
* **What are the differences between throw and throws?**
* **What is a finally block? Is there a case when finally will not execute?**
* When ArithmeticException is thrown?
* Which arithmetic operations can result in the throwing of an ArithmeticException?
* What is a null pointer exception?
* What is the Collection framework in Java?
* What are the main differences between array and collection?
* Explain various interfaces used in Collection framework?
* What is the difference between ArrayList and Vector?
* What is the difference between ArrayList and LinkedList?
* What is the difference between Iterator and ListIterator?
* What is the difference between List and Set?
* What is the difference between HashSet and TreeSet?
* What is the difference between Set and Map?
* What is the difference between HashSet and HashMap?
* What is the difference between HashMap and TreeMap?
* What is the difference between HashMap and Hashtable?
* [What is the difference between Array and ArrayList?](https://www.javatpoint.com/array-vs-arraylist-in-java)
* [What is the difference between the length of an Array and size of ArrayList?](https://www.javatpoint.com/difference-between-length-of-array-and-size-of-arraylist-in-java)
* [How to convert ArrayList to Array and Array to ArrayList?](https://www.javatpoint.com/how-to-convert-arraylist-to-array-and-array-to-arraylist-in-java)
* [How to make Java ArrayList Read-Only?](https://www.javatpoint.com/how-to-make-java-arraylist-read-only)
* [How to remove duplicates from ArrayList?](https://www.javatpoint.com/how-to-remove-duplicates-from-arraylist-in-java)
* [When to use ArrayList and LinkedList?](https://www.javatpoint.com/when-to-use-arraylist-and-linkedlist-in-java)
* **What are the advantages of the Collection Framework in Java?**
* **What is the Stack class in Java and what are the various methods provided by it?**
* **Can you add a null element into a TreeSet or HashSet?**
* **Explain the emptySet() method in the Collections framework?**
* **Why Map doesn’t extend the Collection Interface?**
* **What is the ConcurrentHashMap in Java and do you implement it?**
* **Can you use any class as a Map key?**
* **Differentiate between Collection and Collections**
* **Differentiate between Iterable and Iterator.**
* **Differentiate between Iterator and ListIterator.**