

## Sample Interview Questions: Java

- 1: Why Java is a platform independent language?
- 2: Difference between an Interface and an Abstract class?
- 3: What are the different types of inner classes?
- 4: What is serialization?
- 5: What is meant by pass by reference and pass by value in Java?
- 6: What happens if the main method is declared as private?
- 7: What gives java it's "write once and run anywhere" nature?
- 8: What is the Java API?
- 9: Describe the principles of OOPS.
- 10: Explain the Inheritance principle.
- 11: Define Encapsulation, Inheritance and Polymorphism?
- 12: What are Java Access Specifiers?
- 13: What are the different types of access modifiers?
- 14: Explain the working of Java Virtual Machine (JVM)?
- 15: What is phantom memory?
- 16: How does Java handle integer overflows and underflows?
- 17: What type of parameter passing does Java support?
- 18: What is explicit casting?
- 19: What is implicit casting?
- 20: Why there are no global variables in Java?
- 21: What is the difference between procedural and object-oriented programs?
- 22: What are Class, Constructor and Primitive data types?
- 23: What is Garbage Collection and how to call it explicitly?

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- 24: What are Transient and Volatile Modifiers?
- 25: What is method overloading and method overriding?
- 26: Difference between super class and sub class?
- 27: Difference between process and thread?
- 28: What is an applet?
- 29: Explain the usage of the keyword transient?
- 30: What's the difference between the methods sleep() and wait().
- 31: Explain the usage of Java packages.
- 32: What's the main difference between a Vector and an Array List?
- 33: How can a subclass call a method or a constructor defined in a superclass?
- 34: Explain the user defined Exceptions?
- 35: Explain the different forms of Polymorphism.
- 36: Describe the wrapper classes in Java.
- 37: What's the difference between a queue and a stack?
- 38: How can you minimize the need of garbage collection and make the memory use more effective?
- 39: How is Java different from C++?
- 40: What's the difference between constructors and other methods?
- 41: What is an anonymous class?
- 42: What are different primitive data types in Java?
- 43: What is the precedence of operators in Java?
- 44: Explain command line arguments.