**Basic Java interview questions**

Irrespective of your levels of experience or skills, you may encounter these basic Java interview questions:

1. Which Java project did you enjoy working on the most?

I have done the url shorter project on java. In which we have made application like bit.ly .We have used all concept like of object oriented programming and most of the concepts form collection framework.

1. Have you ever used Java to manage a team?

Not yet

1. Which object-orientated programming concepts have you used?

Polymorphism, abstraction, inheritance,

1. Have you used a Request Dispatcher in a project?

Defines an object that receives requests from the client and sends them to any resource (such as a servlet, HTML file, or JSP file) on the server.

1. What do you know about JRE, JVM and JDK in Java?
2. What do you know about wrapper classes in Java?

-Wrapper class are noting but the classed which are used in java collection as the primitive data types are not accepted in the collection

-Using wrapper class method we can convert data types from primary to object to string type all is possible with valueof tostring and parseint method

1. Can you list the differences between the Array list and vector?
2. Can you list the differences between Heap and Stack Memory?
3. Does the garbage collection process clean Heap or Stack Memory?
4. What are the advantages of Java packages?
5. How would you define a Java Class?
6. What are the main OOP concepts in Java?
7. How would you reverse a string in Java?
8. How would you compare two strings in Java?
9. What do you know about API in Java?

**Java interview questions for experienced professionals**

When applying for an experienced-level Java position, the interviewer may ask you a few in-depth questions. What questions they choose to ask you often depends on your years of experience. Here are some common questions asked to candidates with different experience levels:

**Java interview questions for candidates with one year of experience**

If you have one year of experience, practise answering these Java interview questions:

1. Who was the inventor of Java?
2. Is Java a purely object-oriented language?
3. Why is Java known as a platform-independent language?
4. What is constructor overloading?
5. In Java, what are the differences between abstract class and interface?
6. Can Java support multiple inheritances?
7. How important are keywords in Java coding?
8. In Java, when can you use a composition?
9. What is the difference between the equals method and equality operator?
10. How do you declare an infinite loop in Java?
11. What is data encapsulation in Java?
12. What is garbage collection in Java?
13. What does the garbage collection process achieve?
14. Can you override the static methods?
15. Can you explain the differences between this() and super()?

**Related:** [**100 Java Interview Questions for Freshers With Example Answers**](https://in.indeed.com/career-advice/interviewing/java-interview-questions-for-freshers)

**Java interview questions for candidates with two years of experience**

If you have two years of experience, prepare for these Java interview questions:

1. In OOP, why is composition more advantageous than inheritance?
2. What is the Java thread life cycle?
3. What is the advantage of an unordered array over an ordered array?
4. What are marker interfaces in Java?
5. What is “Double Brace Initialisation” in Java?
6. How do you make an object eligible for garbage collection (GC) in Java?
7. Have you completed a project using Java 11?
8. Can you explain the working of substrings in String?
9. How do you use business logic to complete an equality check?
10. How do you use a numeric promotion?
11. Can you estimate the time for code execution without a profiling tool?
12. Why are strings made immutable in Java?
13. What are the differences between interfaces and abstract classes?
14. What are the differences between a HashSet and a TreeSet?
15. Would you prefer the character array over string for securing information? Why?

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