**Core Java**

1. [Explain JDK, JRE and JVM?](https://www.edureka.co/blog/interview-questions/java-interview-questions/#Jdk-Jre-and-Jvm)
2. [Explain public static void main(String args[]) in Java](https://www.edureka.co/blog/interview-questions/java-interview-questions/#explain-public-static-void-main)
3. **How does Java achieve platform independence?**
4. [Why Java is not 100% Object-oriented?](https://www.edureka.co/blog/interview-questions/java-interview-questions/#why-java-100%-oriented)
5. [What are wrapper classes in Java?](https://www.edureka.co/blog/interview-questions/java-interview-questions/#wrapper-classes)
6. [What are constructors in Java?](https://www.edureka.co/blog/interview-questions/java-interview-questions/#constructors-in-java)
7. [What is singleton class in Java and how can we make a class singleton?](https://www.edureka.co/blog/interview-questions/java-interview-questions/#singleton-class)
8. [What is the difference between Array list and vector in Java?](https://www.edureka.co/blog/interview-questions/java-interview-questions/#difference-between-arraylist-and-vector)
9. [What is the difference between equals() and == in Java?](https://www.edureka.co/blog/interview-questions/java-interview-questions/#difference-between-equals-and==)
10. [What are the differences between Heap and Stack Memory in Java?](https://www.edureka.co/blog/interview-questions/java-interview-questions/#difference-between-heap-and-stack)
11. What platforms are supported by Java programming language?
12. Explain Java Architectural Neutral.
13. What is meant by an “object” in Java?
14. What's the definition of “class” in Java?
15. What do you need to consider when creating an exception in Java?
16. Explain encapsulation.
17. What are the features of an interface?
18. Why would you use a “package” in Java?
19. Define JAR file and WAR file.
20. What is a final class?
21. What makes a HashSet different from a TreeSet?
22. **What are the differences between HashMap and HashTable in Java?**
23. **Can you call a constructor of a class inside another constructor?**
24. **Contiguous memory locations are usually used for storing actual values in an array but not in ArrayList. Explain.**
25. **How is the creation of a String using new() different from that of a literal?**
26. **Why is synchronization necessary? Explain with the help of a relevant example.**
27. **What are the differences between Heap and Stack Memory in Java?**
28. **What is a package in Java? List down various advantages of packages.**
29. **What are access modifiers in Java?**
30. **What are the main concepts of OOPs in Java?**
31. **What is the difference between a local variable and an instance variable?**
32. **Differentiate between the constructors and methods in Java?**
33. **What is final keyword in Java?**
34. **What is final keyword in Java?**
35. **What is the difference between this() and super() in Java?**
36. **What is Java String Pool?**
37. **What is constructor chaining in Java?**
38. **Why Java Strings are immutable in nature?**
39. **Difference between ArrayList and HashSet in Java?**
40. **Difference between List and Set in Java?**
41. **Difference between ArrayList and Vector in Java**
42. **Difference between wait and sleep in Java?**
43. **Difference between notify and notifyAll in Java?**
44. **Difference between ArrayList and LinkedList in Java?**
45. **When do you use Runnable vs Thread in Java?**
46. **Difference between method overloading and overriding in Java**
47. **Difference between StringBuilder and StringBuffer in Java?**
48. **Difference between Polymorphism and Inheritance in Java?**
49. **Can we override the static method in Java?**
50. **Can we access the private method in Java?**
51. **Difference between interface and abstract class in Java?**
52. **Difference between the throw and throws keyword in Java?**
53. **Why doesn’t Java support multiple inheritances?**
54. **Difference between Checked and Unchecked Exception in Java?**
55. **Difference between Error and Exception in Java?**
56. **What is the difference between an array and an array list?**
57. **What is a Map in Java?**
58. **What is collection class in Java? List down its methods and interfaces.**
59. **What is Polymorphism?**
60. **Difference between runtime polymorphism and compile time polymorphism.**
61. **What is abstraction in Java?**
62. **What is inheritance in Java? And explain types of inheritance.**
63. **What is the difference between abstract classes and interfaces?**
64. **Can you override a private or static method in Java?**
65. **What is a marker interface?**
66. **What is object cloning in Java?**
67. **What is a constructor overloading in Java?**
68. **How can you handle Java exceptions?**
69. Can you explain the Java thread lifecycle?
70. Difference between final, finally and finalize keywords in java.
71. **How to create a custom Exception?**
72. **What are the important methods of Java Exception Class?**
73. **What are the differences between processes and threads?**
74. **What is a finally block? Is there a case when finally will not execute?**
75. **What is synchronization?**
76. **Can we write multiple catch blocks under single try block?**
77. **What are the advantages of the Collection Framework in Java?**
78. **What do you understand by Iterator in the Java Collection Framework?**
79. **Differentiate between Comparable and Comparator.**
80. **Differentiate between Queue and Stack.**
81. **Differentiate between Iterator, Enumeration and ListIterator.**
82. **Differentiate between HashMap and HashTable.**
83. Explain the use of final keyword in variable, method and class.
84. What is the main objective of garbage collection?
85. Why is the character array preferred over string for storing confidential information?