**101 Java, J2ee Interview Questions**

1. What is Serialization? What’s the use of Serialization?
2. What is Serial Version ID? What the use is of is Serial Version ID?
3. What are the disadvantages of Serialization?
4. What is Load factor?
5. What are the factors that affect the selection of any data structure?
6. What is meant by Doubly Linked List?
7. What is concurrent Hash Map?
8. What is the difference between Comparable-and-Comparator
9. What are immutable classes in java? How to make a class immutable in java?
10. What are the benefits of Programming with Immutable Objects in Java?
11. What are annotations?
12. Name the annotations used in Java, SPRING, HIBERNATE & REST ful web services.
13. Which features were introduced into Java 5?
14. What is Key Store and Trust Store?
15. What is Core Dump, Heap Dump and Thread Dump?
16. What is EDEN Space and Survivor Space?
17. What is POM .xml? What information is stored in POM.xml?
18. What are the artifacts in MAVEN?
19. What are GLOBAL Transactions and what are LOCAL Transactions?
20. What are Functional Requirements and what are Non- Functional Requirements?
21. Why are Requirements useful?
22. What are the different ways of creating an object without using new operator in java?
23. What is the difference between SSL & TLS?
24. What is the difference between Design & Architecture?
25. What is the Volatile in java?
26. What is Transient?
27. What is Cloning? What is the difference between Deep Cloning and Shallow Cloning?
28. Can we make static method synchronized?
29. What is difference between Class Locking and Object Locking?
30. Can we override a static method?
31. What is the use of Static Initializer ?
32. What is the use of finalize method in java?
33. Who calls finalize method? Can we override finalize method?
34. How many locks can a Java Object have?
35. What are the methods of object class?
36. What are the scenarios during which finally block won’t get executed while exception handling?
37. What is Unit Testing? What are the best practices of Unit Testing?
38. What is the difference between Framework & Design Pattern?
39. What makes Restful web services light weight?
40. What are Spring Beans?
41. What is Application Context in Spring?
42. What is Bean Factory in Spring?
43. Are the Spring beans Stateful or Stateless?
44. Which design patterns are used in SPING MVC?
45. What is difference between SPRING Singleton & Java Singleton?
46. What is meant by Auto wiring?
47. Which dependency injection mechanism is used if the dependencies tobe injected are mandatory?
48. How Spring is integrated with Hibernate?
49. What is difference between JAR, WAR and EAR?
50. Why do we need ORM Frameworks?
51. What is difference between JPA & Hibernate?
52. Can we disable first level cache in Hibernate?
53. What are the major interfaces provided by Hibernate?
54. How many types of containers are there in SPRING Framework?
55. What is difference between Lazy Loading and Eager Loading?
56. What the difference is between refresh and Flush in Hibernate?
57. What are the different caching strategies in Hibernate?
58. What are the various [Design Patterns (or techniques) to increase the Scalability](http://stackoverflow.com/questions/1439438/design-patterns-or-techniques-for-scalability) of a Web Application?
59. What is Horizontal Scaling and Vertical Scaling?
60. What are different ways to disable second level cache in Hibernate?
61. How a Web Application is made HTTPs enabled?
62. What is meant by profiling of any application?
63. What is difference between Web Server & Application Server?
64. How can we prevent [Duplicate form submission using Spring](http://stackoverflow.com/questions/2324931/duplicate-form-submission-in-spring)?
65. What are different Logging Levels in Log4J?
66. What is Optimistic Locking and Pessimistic Locking?
67. What are different Transaction Isolation Levels ?
68. Are Singleton beans threads safe in Spring Framework?
69. Name some of the design patterns used in Spring Framework?
70. How to use the property file in spring framework?
71. How to create custom validation in spring framework?
72. Difference between SPRING 3.0 and SPRING 4.0?
73. What are the major features of Java7.0?
74. Explain the working of sendRedirect( ) method in Servlets?
75. How to inject map in Spring Framework?
76. What are Inner Beans in Spring? What are the drawbacks of Inner Beans?
77. How security is is enabled in SPRING Framework for a web application?
78. What are the limitations of Auto Wiring?
79. What-is-perm-space in JVM?
80. What is Static Class Loading and Dynamic Class Loading?
81. What are the scenarios when a custom class loader needs to be written?
82. What are   the major XML files in SPRING?
83. What are the major XML files in HIBERNATE?
84. What is difference in Transaction Management in SPRING & Transaction Management in HIBERNATE?
85. What aspects are considered while performing code review?
86. Which JVM parameters are set while increasing or decreasing the size of HEAP?
87. What are the different types of view resolver?
88. What are the reasons of JVM crashes?
89. How to prevent multiple login using same user name and password?
90. Factors tobe considered while writing java code for good performance?
91. What are sticky-and-non-sticky-sessions?
92. What is meant by Session Replication? What Are Different Mechanism Of Session Replication?
93. What is Web Logic application sever domain?
94. What is Admin Server & Managed Server?
95. What happens to all the managed servers if the Admin Server goes down?
96. What are the important directories of Tomcat Web Server?
97. What are the services provided by an application server?
98. What does Distributable Tag means in Web.xml?
99. What are the most common load balancing techniques used in web based applications?
100. What are the alternatives to Serialization? If Serialization is not used, is it possible to persist or transfer an object using any other approach?
101. Can we serialize a singleton?