

Questions

1. Debug Java Code steps
2. Creation of jar file in java
3. Deadlock condition
4. memory management in java
5. Garbage Collection in java
6. Mongoddb advantages over SQL
7. update query on particular database and result output pattern details
8. how to limit the data in mongoddb
9. how to create index and how to do fetch through indexes
10. Java OOPs concepts: explain with real time examples
11. Overloading and Overriding
12. What is Static method overriding
13. Why is string immutable
14. Diff between string and string buffer , which one you prefer and why
15. Diff between `String s= new String ("Hello")` and `String s="Hello"`
16. What is SCP
17. What is Garbage Collection
18. Where are static , local and object stored in memory
19. What is cloning and how is it done

20. What is Serialization, How can you perform Seralization (study concept , scenario based questions asked)
21. What are marker interfaces
22. Diff between == and equals()
23. What will happen if you compare two objects without overriding equals()
24. Customized Exception Handling
25. Types of Exception
26. Encapsulation
27. Association, aggregation, composition
28. Collections Hierarchy and idea about how exh collection works internally
29. Concurrent Collections with internal working
30. How to sort array
31. In Map , how it identifies if the key is identical or not
32. in set duplicates are allowed or not
33. what will happen if you try to enter duplicate values in set
34. How linked list works
35. How to sort a collection , comparator and comparable
36. What is Spring, internal working , how does it work
37. Dependency injection concept , Spring container
38. Autowire concept
39. What is Spring MVC , how does it work

40. Explain one flow of Spring MVC
41. Tell me in short how will you create a login application using Spring MVC
42. Scopes (Singleton, prototype..)
43. Types of Dependency Injection
44. Scopes (Singleton, prototype..)
45. Basic Spring Annotations (spring core)
46. What is component Scan and why is it required
47. How does spring resolve view in Spring MVC
48. What is a bean
49. Features of Spring Boot
50. How to create a spring Boot project
51. What is actuator
52. Difference between : `@EnableAutoConfiguration` and `@SpringBootApplication`
53. What is hibernate
54. Why is it used? Why should we use ?
55. How to implement it in our project
56. What is ORM
57. Hibernate Architecture
58. Interfaces in Hibernate framework (ans : Configuration, sessionFactory, session, Query, Criteria, Transaction), once you ans this , you will get a question on one of the interface

59. Advantages of ORM/Hibernate over JDBC

60. What is HQL

61. How will you persist data

62. What are Persistent classes

63. Diff session.save() and session.persist()

64. diff get() and load()

65. first level cache and second level cache difference

66. How many types of association mappings are possible in hibernate

67. What is jpa

68. Basic annotations of jpa

Why Java is platform independent?

Why Java is not 100% Object-oriented?

What are wrapper classes in Java?

What are constructors in Java?

What is singleton class in Java and how can we make a class singleton?

What is the difference between ArrayList and Vector in Java?

What is the difference between equals() and == in Java?

What are the differences between Heap and Stack Memory in Java?

What is a transient variable?

Which containers use a BorderLayout as their default layout?

Why do threads block on I/O?

How are Observer and Observable used?

What is synchronization and why is it important?

Can a lock be acquired on a class?

What's new with the stop(), suspend() and resume() methods in JDK 1.2?

Is null a keyword?

What is the preferred size of a component?

What method is used to specify a container's layout?

Which containers use a Flow Layout as their default layout?

What state does a thread enter into when it terminates its processing?

What is the Collections API?

Which characters may be used as the second character of an identifier, but not as the first character of an identifier?

What is the List interface?

How are integer overflows and underflows handled in JAVA?

What is a Vector class?

What modifiers may be used with an inner class that is a member of an outer class?

What is an Iterator interface?

What is the difference between the >> and >>> operators?

Which method of the Component class is used to set the position and size of a component?

Differentiate between yielding and sleeping.

Which java util classes and interfaces support event handling?

What are wrapped classes?

Does garbage collection guarantee that a program will not run out of memory?

What restrictions are placed on the location of a package statement within a source code file?

Can an object's finalize() method be invoked while it is reachable?

What is the immediate superclass of the Applet class?

Differentiate between preemptive scheduling and time slicing.

Name three Component subclasses that support painting.

What value does readLine() return when it reaches the end of a file?

What is the immediate superclass of the Dialog class?

What is clipping?

What is a native method?

Can a for statement loop indefinitely?

What are order of precedence and associativity, and how are they used?

When a thread blocks on I/O, what state does it enter?

To what value is a variable of the String type automatically initialized?

What is the catch or declare rule for method declarations?

What is the difference between a Menu Item and a Checkbox Menu Item?

What is a task's priority and how is it used in scheduling?

What class is the top of the AWT event hierarchy?

What is a thread's initial state when it is created and started?

Can an anonymous class be declared while implementing an interface and extending a class?

What is the immediate superclass of Menu?

Explain the purpose of finalization.

Which class is the immediate superclass of the Menu Component class?

What invokes a thread's run() method?

What is the difference between the Boolean & operator and the && operator?

Name three subclasses of the Component class.

What is the GregorianCalendar class?

Which Container method is used to cause a container to be laid out and redisplayed?

Explain the purpose of the Runtime class.

How many times may an object's finalize() method be invoked by the garbage collector?

What is the purpose of the finally clause of a try-catch-finally statement?

What is the argument type of a program's main() method?

Which Java operator is right associative?

Can we cast a double value to a byte?

What must a class do to implement an interface?

What method is invoked to cause an object to begin executing as a separate thread?

Name two subclasses of the Text Component class.

Which containers may have a Menu Bar?

How are commas used in the initialization and iteration parts of a 'for' statement?

What is the purpose of the wait(), notify(), and notify All() methods?

For which statements does it make sense to use a label?

What is the purpose of the System class?

Which Text Component method is used to set a Text Component to the read-only state?

How are the elements of a Card Layout organized?

Is &&= a valid Java operator?

Name the eight primitive Java types.

Which class should you use to obtain design information about an object?

What is the relationship between clipping and repainting?

Is "abc" a primitive value?

What is the relationship between an event-listener interface and an event-adaptor class?

What restrictions are placed on the values of each case of a switch statement?

What modifiers may be used with an interface declaration?

Is a class a subclass of itself?

What is the highest-level event class of the event-delegation model?

What event results from the clicking of a button?

How can a GUI component handle its own events?

How are the elements of a Grid Bag Layout organized?

What advantage do Java's layout managers provide over traditional windowing systems?

What is the Collection interface?

What modifiers can be used with a local inner class?

What is the difference between static and non-static variables?

What is the difference between the paint() and repaint() methods?

What is the purpose of the File class?

Can an exception be rethrown?

Which Math method is used to calculate the absolute value of a number?

How does multithreading take place on a computer with a single CPU?

When does the compiler supply a default constructor for a class?

When is the finally clause of a try-catch-finally statement executed?

Which class is the immediate superclass of the Container class?

If a method is declared as protected, where may the method be accessed?

How can the Checkbox class be used to create a radio button?