Advanced Java Job Interview Questions And Answers

Interview Questions Answers
http://interviewquestionsanswers.org/
About Interview Questions Answers

Interview Questions Answers . ORG is an interview preparation guide of thousands of Job Interview Questions And Answers, Job Interviews are always stressful even for job seekers who have gone on countless interviews. The best way to reduce the stress is to be prepared for your job interview. Take the time to review the standard interview questions you will most likely be asked. These interview questions and answers on Advanced Java will help you strengthen your technical skills, prepare for the interviews and quickly revise the concepts.

If you find any question or answer is incorrect or incomplete then you can submit your question or answer directly with out any registration or login at our website. You just need to visit Advanced Java Interview Questions And Answers to add your answer click on the Submit Your Answer links on the website; with each question to post your answer, if you want to ask any question then you will have a link Submit Your Question; that's will add your question in Advanced Java category. To ensure quality, each submission is checked by our team, before it becomes live. This Advanced Java Interview preparation PDF was generated at Monday 12th January, 2015

You can follow us on FaceBook for latest Jobs, Updates and other interviews material. www.facebook.com/InterviewQuestionsAnswers.Org

Follow us on Twitter for latest Jobs and interview preparation guides. http://twitter.com/InterviewQA

If you need any further assistance or have queries regarding this document or its material or any of other inquiry, please do not hesitate to contact us. http://interviewquestionsanswers.org/Contact-Us

Best Of Luck.

Interview Questions Answers.ORG Team
http://InterviewQuestionsAnswers.ORG/
Support@InterviewQuestionsAnswers.ORG
Question # 1
What we can not do in jdbc but can do hibernate?

Answer:-
There are many thing we can do in hibernate automatically by hibernate tools or setting hibernate properties.some I giving below:
(1) We can migrate database just change database dielect.
(2)we can used caching
(3)if user do not know ant any SQL languge then they can use criteria query.
(4)There is one scnerio where SQL query are failed when want fetch object from db but do not know there ID.
Hibernate provide this solution using HSQL.

Question # 2
Java is fully object oriented languages or not? Why?

Answer:-
No, java is not fully object oriented language because it does not support "multiple inheritence" and "pointers" which are used in C++.But,by using Interfaces we can implement multiple inheritence.Also,due to presence of Primitive datatypes,which are used in (AutoBoxing)...we can say it is not fully object oriented language.

Question # 3
If i learn Java, what kind of applications can i create that will help Banking, Retail, Hotel, Logistics industry?

Answer:-
When learned the java with the advanced concepts ,the application can be created for all the domain.Using the J2EE will be more friendly and efficiency in the code maintenance, since part of the code will be from the framework.

Question # 4
What is difference between object state and behavior?

Answer:-
If you change the state of an object, you ask it to perform a behavior. An object stores its states in a field e.g. variables, and demonstrates its behavior through methods.

Question # 5
Can we have more than one action servlet?

Answer:-
yes you can have and if you specify different url patter like
*.do for one action servlet
*.abc for other action servlet
in your web.xml file
Question # 6
Why use a datasource when you can directly specify a connection details? (in a J2EE application)?

Answer:-
Because, it would be really difficult to specify the connection details in every method that access the database. Instead, if we create a data source, it can be used to connect to the database in every method we want.

Question # 7
If I define a method in JSP scriplet <%=..%>, where will it go after translation into a servlet?

Answer:-
It will give compilation error. In order to define a method in JSP, it should be defined in the JSP declarations <%!..%>
> and it can be called in the JSP expression.
On translation, the method will be added outside all methods in the servlet class.

Question # 8
How will the struts know which action class to call when you submit a form?

Answer:-
struts-config.xml in this file.
under the tag <type> absolute path of Action class
under the tag <name> name of the action form class
Both of this will be called when the desired action mentioned under the <path> tag will be called and
struts-config.xml will call action class mentioned in the <type> tag and also populate the fields of form class
mentioned under <name> tag.

Question # 9
Will it be called overriding if I do not change the parameters or return type, instead throw a different exception in the method signature?

Answer:-
yes, you will be overriding to throw a different exception

Question # 10
Does Java pass arguments by value or reference?

Answer:-
Pass by value.
1. When passing primitives, it passes a copy of the variable to the method. Any change made in the method does not reflect in the calling method.
2. When dealing with objects, a copy of their reference/address is passed. Thus the change made to the object is reflected in the calling method.

Question # 11
Different between Struts and Spring? or Why use Spring, if you are already using Struts?

Answer:-
Struts:
1.Struts is only for web Applications.We can not develop any type of Java,J2EE applications by using Struts Framework.
2.We can not Integrate other Frameworks with Any other Java Oriented Frameworks.
Spring:
1.Spring is for developing any kind of Java,J2EE applications.
2.It is Layered architecture.We can integrate any no of Frameworks with Spring.
3.It has So many features like AOP,IOC.

Question # 12
Explain what is synchronization?

Answer:-
When multiple threads working,Synchronization is to lock a method for a particular object.
**Question # 13**
Write a program to show synchronization?

**Answer:-**
```java
public someClass{
    public synchronised methodA(){
        //write your code
    }
}
```

**Question # 14**
Explain what is orm?

**Answer:-**
Object Relational Mapping, it's a tool for transaction management that needs to be integrated with Spring, Struts etc. Eg: Hibernate, iBatis, JDO etc

**Question # 15**
Write a singleton program?

**Answer:-**
Having single instance throughout the application eg: Loggers

**Question # 16**
What is IOC concept & explain it?

**Answer:-**
Injecting dependencies to object itself instead of depending on container.

**Question # 17**
Explain spring framework?

**Answer:-**
Spring is lightweight, Inversion controlled, Aspect oriented, Container framework.

**Question # 18**
What are the oops concept?

**Answer:-**
Inheritance, Encapsulation, Polymorphism, Data Abstraction

**Question # 19**
What are the diff types of exception?

**Answer:-**
Unchecked and Checked exceptions

**Question # 20**
What is AOP(assepct oriented programing)?

**Answer:-**
Separating your business logic with other functionality such as services, Loggers etc. Making classes more cohesive.

**Question # 21**
What is jsp life cycle?

**Answer:-**
jspinit(), _jspService(), jspdestroy()
Question # 22
Explain servlet life cycle?

Answer:-
init(),service(),destroy()

View All Answers

Question # 23
What is prototype?

Answer:-
Having multiple instances or having clones

View All Answers

Question # 24
In spring bean class uses singleton or prototype?

Answer:-
By Default spring uses singleton or mention singleton="true" for singleton else false for prototype inside bean tag.

View All Answers
Java Programming Most Popular & Related Interview Guides

1: IBM WebSphere Interview Questions and Answers.

2: Hibernate Interview Questions and Answers.

3: Core Java Interview Questions and Answers.

4: J2EE Interview Questions and Answers.

5: Spring Framework Interview Questions and Answers.

6: JBoss Interview Questions and Answers.

7: Struts Interview Questions and Answers.

8: Eclipse Interview Questions and Answers.

9: JDBC Interview Questions and Answers.

10: JSF Interview Questions and Answers.

Follow us on Facebook
www.facebook.com/InterviewQuestionsAnswers.Org

Follow us on Twitter
http://twitter.com/InterviewQA

For any inquiry please do not hesitate to contact us.
http://interviewquestionsanswers.org/Contact-Us

Interview Questions Answers.ORG Team
http://InterviewQuestionsAnswers.ORG/
support@InterviewQuestionsAnswers.ORG