

[JAVA TUTORIAL](#)[#INDEX POSTS](#)[#INTERVIEW QUESTIONS](#)[RESOURCES](#)[HIRE ME](#)[DOWNLOAD ANDROID APP](#)[CONTRIBUTE](#)**Subscribe to Download Java Design Patterns eBook****DOWNLOAD NOW**[HOME](#) » [JAVA INTERVIEW QUESTIONS](#)

Java Interview Questions

I have written a lot of posts for [java interview questions](#), this is a placeholder for all those posts. You can bookmark this post and come again in future to see the new additions.



Java Interview Questions

1. Core Java Interview Questions and Answers

Core Java is the starting point of any Java interview. Whether you are fresher or experienced in java, having a strong grip on Core Java is very important to clear the interview. This article lists down some of the commonly asked core java interview questions with answers.

2. Java 8 Interview Questions

Java 8 was a major release with many new features such as Lambdas, Functional interfaces, Streams, Date Time API etc. This is a must have if you are going to any java interview because it's always good to be aware of latest language changes.

I recently wrote another article as [part-2 of java 8 interview questions](#), please go through this too.

3. Java Collections Interview Questions and Answers

Collections are core components of Java programming language and hence widely used in interview questions. The post contains 40 questions on java collections to make sure all the topics are covered and help you in impressing your interviewer.

I also recommend to check out [java collections](#) tutorial to have a deep knowledge of Collections in java.

4. Java String Interview Questions and Answers

Everybody uses String and usually java interview starts with some tricky questions on Java String. This post contains 21 questions with detailed answers for String in java.

5. Java Multi-Threading and Concurrency Interview Questions

Multithreading and **Concurrency** is a hot topic in java interviews. Whether you are new to Java or an expert, its good to have good knowledge on Threads in java and this post covers 30+ interview questions for Java Threads.

I also recommend you to read [Java Thread Tutorial](#) to gain good knowledge on Threads.

6. Java Exception Handling Interview Questions

Exception Handling is one of the tricky area and Java provides a robust and object-oriented approach for exception handling. There are Exception, Error and Throwable at the root of Exception Handling. I have seen so many guys who are confused in checked, un-checked and runtime exceptions. Here you will go through a list of 15 questions entirely related to [Exception Handling in Java](#).

7. Difference between JDK, JRE and JVM

You should know about java virtual machine, runtime environment and java compiler. A post dedicated to explain these and list out their differences.

8. **Java Classloaders**

If you consider yourself an expert in java, be prepared to face some questions on Java Classloader. A comprehensive post providing detailed explanation of different types of java classloaders, how and when we should write our own classloaders with example programs.

9. **Difference between Abstract Class and Interface**

Abstract classes and interfaces are used in java for providing contract but what is the difference between them and when should we use interface over abstract class and vice versa is a great design question and asked a lot in java interviews. This post provides all the differences between abstract class and interface and when should we use interface over abstract class and vice versa. The post also explains how to use abstract class and interface both in conjunction to create a flexible design for providing contract for subclasses. I also recommend to read [java abstract class](#) and [interface in java](#) tutorials.

10. **Why Java Doesn't support multiple inheritance and Composition vs Inheritance**

One of the mostly asked question is why java doesn't support multiple inheritance and why should we prefer composition over inheritance. A post with detailed explanation of multiple inheritance and issues with inheritance that make composition a better approach.

11. **Java Programming Interview Questions**

Some tricky questions to test your programming skills, also check out [java tricky code snippets](#).

12. **Java 7 Catch Block**

Java 7 catch block has been improved to catch multiple exceptions in a single block, a good improvement for making our catch block code small when we needed to catch a lot of exceptions.

13. **Java Heap Memory vs Stack Memory**

JVM runtime memory is divided into heap memory and stack memory. An important article explaining the difference between Heap and Stack memory through program. I recently published a YouTube video too, make sure to watch that for better understanding.

14. **Java is Pass By Value or Pass by Reference**

This is one of the most confusing question about java programming language. Some say it's pass by value and somewhere you will read that it's pass by reference. Then again behaviour changes for

primitive types or Objects parameters? Read this out to clear this confusion once and for all. This is one of the favorite question asked by java interviewers.

Java EE Interview Questions

15. **JDBC Interview Questions and Answers**

If you are working on Enterprise applications, I am sure that JDBC API is a part of it. JDBC API provides database connectivity for relational databases, such as MySQL and Oracle.

This article go through a collection of 40+ interview questions related to JDBC API from basic Connection to DataSource to Connection Pooling. It will help you in interviews for questions related to JDBC API and how to effectively use it.

If you are new to JDBC or you have a lot of experience, I would still suggest you to go through [JDBC Tutorial](#) to make sure you have covered all the core parts of it.

16. **Servlet Interview Questions with Answers**

Servlets are one of the hot topics of Java Enterprise Edition interview questions. This post contains a list of 50 servlet interview questions with answers in detail. A must have bookmarked post because I will keep on adding more questions in future.

17. **JSP Interview Questions and Answers**

JSP is the integral part of Java EE and if you are giving interview for web developer, then having good knowledge of JSP technology is very important. This post contains a list of 35 JSP interview questions with answers. Please make sure to bookmark it because I will be keep on adding more to the list in future.

18. **Struts Interview Questions and Answers**

Struts2 is one of the modern Java Web Application framework. This article contains a list of 30 questions that covers most of the important components of Struts2 framework.

19. **Spring Interview Questions and Answers**

Spring Framework is most widely used Java EE framework. It's built on core principles of "Dependency Injection" and "Aspect Oriented Programming". This post contains more than 45 questions related to Spring Framework, Dependency Injection, Spring AOP, Spring JDBC, Spring MVC Framework and some common tasks such as file uploading, localization etc. A good post to go through before any Java EE interview.

20. **Web Services Interview Questions**

Web services are very popular these days because they are language and platform independent. It's easy to create SOAP and REST based web services. This post will help you learn about web services and related interview questions. Then there are questions with detailed answers for [Java Web Services](#).

21. [JSF Interview Questions](#)

More than 50 questions on JSF-2 with detailed answers, go through them as a refresher on JSF framework.

22. [Hibernate Interview Questions and Answers](#)

Hibernate is the best java based ORM tool in the market. It's used a lot in most of the enterprise applications to overcome the shortcomings of JDBC. One of the best part with hibernate is the flexibility of configuration using XML, JPA annotations as well as through code. So it's always a plus point to have Hibernate in your resume. Whether you are experienced with hibernate or newbie, these questions will help you in interview and impress your interviewer.

23. [Scala Interview Questions](#)

Scala is famous programming language that provides functional programming in Java. I have written three successive posts too that you can go through for scala interview preparation.

- [Scala intermediate interview questions](#)
- [Scala intermediate and advanced interview questions](#)
- [Scala advanced interview questions](#)

24. [Common Job Interview Questions](#)

For clearing an interview, only technical knowledge is not enough. You will have to go through common job interview questions such as your last company experience, why you are looking for change etc. This is a post with 40 job interview questions that are asked in almost all the interviews.

Comments

Ketan says

OCTOBER 6, 2017 AT 6:08 PM

looks like link is broken / page not found for Restful Interview Questions link

[Reply](#)

Pankaj says

OCTOBER 8, 2017 AT 4:21 AM

Which URL you are pointing out? Everything seems working fine for me.

[Reply](#)

Nitin says

SEPTEMBER 25, 2017 AT 7:53 AM

Very useful in cracking the interview.

Thanks for sharing.

[Reply](#)

milindu says

MAY 19, 2016 AT 2:00 AM

very much appreciate you time spent on publishing this blog.!

[Reply](#)

jijo says

FEBRUARY 26, 2016 AT 8:32 AM

Thank you for taking time in it and providing us.

[Reply](#)

rohit says

FEBRUARY 17, 2016 AT 5:01 PM

that makes life easy ☐

thanks for consolidating it.

[Reply](#)

ranjeet yadav says

JANUARY 18, 2016 AT 9:37 AM

very much thankful for impo.question of interviews plz provide all on my mail id as well,thanks in advance aswell.

[Reply](#)

chandiprasad says

DECEMBER 12, 2015 AT 12:15 AM

Thank you very much Pankaj for sharing such good collection of questions on wide variety of topics of java ,Your Book on Design patterns was really awesome.

[Reply](#)

Pankaj says

DECEMBER 12, 2015 AT 11:17 PM

Thanks Chandiprasad, you made my day. Please subscribe to our newsletter too where we share exclusive tips and free Books.

[Reply](#)**Ritu Rh says**

NOVEMBER 1, 2015 AT 10:27 PM

Please help me to get a java code to get number pin which is obtained by concatenating lengths of each word of the string .

for example: number pin for "wipro Technologies" is 512

wipro="5"

technologies="12"

[Reply](#)**Anjani Kumar Pathak says**

NOVEMBER 20, 2015 AT 4:44 AM

```
String s="Wipro Technologie";  
String[] word=s.split("\\s+");  
String pincode=new String();  
for(String s1:word){  
    pincode+=s1.length();  
}  
System.out.println(pincode);
```

[Reply](#)**Jt says**

SEPTEMBER 22, 2015 AT 11:39 PM

Can you please shade some light on the use/need of copy constructor.

[Reply](#)**sandeep singh rawat says**

OCTOBER 26, 2015 AT 6:26 PM

the concept of copy constructor is supported in java. But unlike C++ java doesnot support the cocept of default copy constructor.

Need of copy constructor:

copy constructor is required when you want memory to be allocated for both the objects a and b belonging to the same class T.

e.g

let us suppose a class T

a and b are its objects

a and b are then references created on stack.

and there will be some memory allocated on heap

Now, without copy constructor both will refer to same memory location.

so to allocate the memory for both a and b separately we have its solution as copy constructor.

Thank u.

[Reply](#)

Praveenkumar kodge says

AUGUST 12, 2015 AT 12:41 AM

answer:

A is a superclass it has subclass like B and C....

ur adding an superclass to an collection class, subclass of A will added into collation.

u don't want the subclass of A to add in collection then u please remove the inheritance between then....

[Reply](#)

Paramesh says

JUNE 23, 2015 AT 9:40 AM

Hi,

Can any please tell me the solution for the below question:

I have a super class named A, and few sub classes named B, C. The both sub classes B and C extends A.

I want to add the super class object in the collection (like arraylist) not sub class objects.

Which means the collection should allow only super class object not sub class object.

[Reply](#)

Sonali says

MAY 23, 2015 AT 4:05 PM

Very good collection of question!!!

[Reply](#)

PA says

APRIL 3, 2015 AT 3:13 AM

Many Thanks. I'm not sure where to make a request to you. I can see you've covered tutorials for all latest technology, but I see one more important is missing which is JPA (Java Persistent API). May I request you to please create tutorials for same?

[Reply](#)**Pankaj says**

APRIL 3, 2015 AT 4:39 AM

JPA is specification and Hibernate is the best implementation of that. I have covered Hibernate and if you read any of my Hibernate posts, you will notice that I am using JPA annotations only. I hope you got the point.

[Reply](#)**test says**

APRIL 2, 2015 AT 12:55 PM

Hello,

Could you please try to create a "Spring Security OAuth2" project with Twitter, Google and Facebook?

Thank you.

[Reply](#)**latha says**

MARCH 11, 2015 AT 8:12 AM

Nice info..very useful.plz post question on jax-ws webservice

[Reply](#)**Pramod says**

FEBRUARY 15, 2015 AT 10:11 PM

Very nice collection of interview questions....

[Reply](#)**thrinadh says**

OCTOBER 20, 2015 AT 1:38 AM

quaisens r very nice it will be more usefull for java interviews wen they ask q r very tuff and q r very important to read

[Reply](#)

Mayank Shrivastava says

SEPTEMBER 9, 2014 AT 1:34 AM

How to call Informatica workflow from Java

[Reply](#)

mohan says

NOVEMBER 19, 2014 AT 6:43 AM

ufffffff

[Reply](#)

amit sen says

AUGUST 5, 2014 AT 11:56 AM

Thanks for helping

[Reply](#)

Alexander says

AUGUST 5, 2014 AT 12:57 AM

You right simple, short and very helpful articles.

If you don't mind please add questions about JMS.

thank you

[Reply](#)

Pankaj says

AUGUST 5, 2014 AT 2:20 AM

Thanks, I will post about it in near future.

[Reply](#)

sampath kumar madala says

AUGUST 17, 2014 AT 5:59 PM

Hi pankaj,

May i know your opinion on java certifications.

[Reply](#)

Pankaj says

AUGUST 17, 2014 AT 10:39 PM

It's good to have.

[Reply](#)

venky says

AUGUST 1, 2014 AT 10:07 AM

interview questions

1.how class get locks

2.how to get top first 4 repeated words in file

[Reply](#)

Hemanth kumar says

JULY 23, 2014 AT 8:00 AM

Thank q pankaj its very useful for my interview panel .And some more question on Hibernate and Struts,Servlets

[Reply](#)

Rahul says

JUNE 23, 2014 AT 7:56 PM

Please add hibernate interview questions also

[Reply](#)

Lena says

JUNE 7, 2014 AT 7:41 AM

Great thank you for the articles

[Reply](#)**Vaibhav says**

JUNE 1, 2014 AT 11:47 AM

hi pankaj,
plz upload tutorials for polymorphism too..

[Reply](#)**Chandrshekar reddy says**

MAY 22, 2014 AT 12:44 AM

please provide JSF and ADF question and documents

[Reply](#)**Deepanshu says**

APRIL 29, 2014 AT 10:07 PM

This blog is very good. You have covered all the basic concept of java with proper explanation and example.

And also you have provided the Interview questions on all topics which help the job seeker to get the job as well as his basic concepts also get build.

[Reply](#)**manju says**

APRIL 26, 2014 AT 2:48 AM

thanks ton please add struts 1.x interview qstns

[Reply](#)**Pankaj says**

APRIL 26, 2014 AT 9:50 AM

Struts 1.x is deprecated and EOL a long time ago, I would suggest you to not waste time on that. I believe it might be used in some legacy applications only now.

[Reply](#)

Rajesh says

MARCH 23, 2014 AT 4:39 PM

Good effort and easy understand each questions. Please post spring and hibernate tutorial and interview Q&A

[Reply](#)**Mustafa says**

MARCH 20, 2014 AT 9:46 AM

Thanks a ton. Desperately waiting for similar posts for Hibernate and Springs ☐

[Reply](#)**Melwin Dmello says**

FEBRUARY 19, 2014 AT 8:50 PM

Thanks a ton. This is very helpful.

[Reply](#)**Ashok Dhulipalla says**

JANUARY 28, 2014 AT 10:29 AM

This blog helps me a lot in interview preparations . Thanks

[Reply](#)**Rahul Gupta says**

JANUARY 9, 2014 AT 2:36 PM

Nice blog, please add some more question on spring, spring security & hibernate. This interview question really helpful for the interview preparation. Keep going on.

[Reply](#)**vasanth says**

JANUARY 6, 2014 AT 6:48 AM

Thank u sir, for providing this type of clear description to each concept. i am not seen like this in further.

[Reply](#)

Kiran says

DECEMBER 21, 2013 AT 11:39 AM

Thank you for sharing this.....)

Helpful to us

[Reply](#)**Mona says**

DECEMBER 12, 2013 AT 2:30 AM

What a great idea of posting potential questions!!! Thanks.

[Reply](#)**supriya says**

APRIL 25, 2014 AT 11:24 AM

nice blog,,,,it's very helpful for me tqz alot

[Reply](#)**tasmiya mullani says**

NOVEMBER 25, 2013 AT 6:58 AM

Hi,

will you please tell me how to impliment breadcrumb using jquery or javascript.

(Anusandhan.net is a sample site where top categories shown i want structure like that)

[Reply](#)**Snehal Masne says**

SEPTEMBER 24, 2013 AT 6:43 PM

Wonderful. Thanks for this! ☐

[Reply](#)**sidram says**

AUGUST 1, 2013 AT 1:12 AM

How to call java methods in oracle methods?

[Reply](#)

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Current year *



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- > [Core Java Interview Questions](#)
- > [String Interview Questions](#)
- > [Multithreading Interview Questions](#)
- > [Collections Interview Questions](#)
- > [Exception Interview Questions](#)
- > [Java Programming Interview Questions](#)
- > [Java 8 Interview Questions Part 1](#)
- > [Java 8 Interview Questions Part 2](#)
- > [Servlet Interview Questions](#)
- > [JSP Interview Questions](#)
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- > [Scala Basic Interview Questions](#)
- > [Scala Intermediate Interview Questions](#)
- > [Scala Advanced Interview Questions](#)
- > [Scala Interview Questions Summary](#)
- > [Common Job Interview Questions](#)

Miscellaneous

- > [Java ClassLoader](#)
- > [String StringBuffer StringBuilder](#)
- > [Java is Pass By Value](#)
- > [Java Heap vs Stack Memory](#)

RECOMMENDED TUTORIALS

Java Tutorials

- > [Java IO](#)
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- > [Java Logging](#)

- > [Java Annotations](#)
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