

# Interview questions (prepared practically like you must be proficient able to explain the things in writing for e.g. )

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- Tell me about yourself
- Resume (Now a days we are getting less Calls- I , Since last Month- have applied 200+ in Naukri and 100+ in LinkedIn) – Tips from your videos -so that resume get Shortlisted
  - Like if you have practiced and Prepared the Framework for interview preparation or in past you have prepared just **put it in Git hub** and **mention the Url in your Resume**/LinkedIn/Naukri all the Job hunt websites.
  - And Resume should not be Exceed 2 Pages.
- Explanation on each and every project → Here important things Is Read company JD in details make sure that you are proficient in all of the skills mentioned there otherwise , despite having the good knowledge and good technical interview they will put your profile on Hold example in my case in PS –there that time I don't have the knowledge of Cucumber they put me on hold despite having 2hr good technical interview.
- What is constructor, why we use constructor?
  - Can we call constructor from another constructor if yes then how?
  - Suppose if we have two Constructors in the same class then how can we call the other constructor from the current constructor
  - Can Constructor be overloaded and overridden
  - Can Constructor be Static
  - Can Constructor be Private
  - Can we Override the Private method
- Call by Value v/s Call by Reference
- Usage of Super in Constructor
- Polymorphism and its types
- Access modifiers
- Throw and Throws
- Continue and Break
- Exceptions in Java
  - What are Exceptions and How can we handle them
  - What are two types of Exceptions and Explain with Example
  - What happen in Try and Catch Block
  - Difference b/w Throw and Throws
- How to access Private variable from outside the class
- Difference between String,StringBuilder and StringBuffer
- What is inheritance?
- Serialization and Deserialization in java
- What is memory leakage in Java

- Difference between Abstraction and Interface and Usage in Selenium framework
  - Can we create object of interface ?
  - What is Marker Interface
  - Access Modifiers of Interface –its unique properties
- 2d array in one line of syntax
  - Code for 2d array
- Can We Overload main Method
  - Can you give me the Example of method Overloading in Webdriver
- Can we Override Main method
- Indexing positions in arrays
- Method overloading and Method overriding → with Example like you have to written that and there the Example of each OOPs Concepts.
- Difference between hashmap and hashtable –All Collection Framework
  - Difference between ArrayList and HashMap
  - Collections v/s Collection → Practice Collection Thoroughly with practically on Online coding editor like its syntax and simple program like inserting and getting the data
  - Programme to check if the given arraylist of string is stored or not
  - Difference between HashMap and Hashtable
  - Diff B/w Set and List and which one Accept the Null Values
    - Remove duplicate Numbers from the List → I done this by put that list in Set
- How can you upload file in a Webpage
- What is Singleton Class
- What is the Data type of variable where Window are stored
- Strings Programmes –All, repeated letter in given string
  - Pattern Programme
  - Greatest of 2 number without using if loop
  - To check given number is Peterson number or not
  - Print Character Occurrence in a String
  - Reverse,Uppercase,Letter retrieve,lower case
  - Retrieve words from sentence using regex
  - Unique substring -String
  - Array Manipulation
  - Reverse number
  - Count number of letter in String
  - Count number of element in array
  - Reverse integer in java
  - Remove Duplicate from the Character Array
- Type casting(Both)
- Explain loops
- Which loop is convenient to use, which one you used most of the time

- Oops concepts used in framework
- Final finally finalize it usage
- Final keyword
- Manual testing questions like
  - Diff types of testing
  - SDLC life cycle
  - STLC life cycle
  - Entry and Exit Criteria
  - Defect life cycle, States of defect life cycle ,whate is Deffered State
  - Hotfix patches
  - Defect age
  - Test Closure Report
  - Error Seeding
  - ShowStopperDefect –Suspension Criteria
  - QA/QC Testing Meaning
  - What is regression Testing
  - What is Integration Testing and types of integration testing
  - Priority and Severity example of all 4
  - Different technique you have followed while writing test cases
  - Sprint in Agile in your project
  - Smoke and Sanity
  - Traceability Matrix
  - Pesticide paradox
  - Static testing
  - Varification vs Validation
  - Latent defect
  - Masked Defect, Defect Clustering, Defect Cascading
  - Concurrent Testing
  - How to handle project Without Documentation
  - Defect Rejection Ratio and Defect Leakage Ratio
  - Different level of testing until product goes live
  - System testing and UAT testing
  - Alpha and beta testing
  - Ad hoc testing
  - Monkey testing
  - Gorilla Testing
  - Exploratory testing
  - Dynamic and Static Testing
  - Diff b/w Bug,Error,Defect,Failure
  - Interface Testing
  - Testing technique or test cases technique

- Risk Mitigation
- Authentication and Autorization
- How often you are running your regression suite
- **Manual test cases** of FaceBook Login(similar scenario like two text box and button is there write the High level test scenario)→ **refer** <https://sampletestcases.com/latest-sample-testcases-of-facebook-login-page/>
- **Agile**
  - Sprint Planning and Spring Backlog in agile
  - What are the Agile Matrix we are delivering as a Part of release completion
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- Selenium architecture
- What Is POM
- Different types of assertion used in selenium
  - Difference b/w Assert and Verify
- Handle auto suggestive dropdown
- Script working in night but next day not working reason
- How to handle normal dropdown
  - **Select Multiple values from Dropdown**
  - Select Gender as Male from the Dropdown
- How to check Broken links ion web page
- Validate text in alert box
  - **How to Handle JavaScript PopUp and Alert in Selenium**
  - What if we accept and dismiss use both in our code → it will give you [org.openqa.selenium.WebDriverException or org.openqa.selenium.NoAlertPresentException](#)
- Cross Browser testing differences
- How to Validate different colours in WebPage
- How will you handle Network latency
- How to connect to database
- How to enter text without using the Sendkeys
- Explain how to take data from Excel
  - **How to Handle Corrupt Excel Sheet in Selenium and what are reason of File Corruption→ this situation come due to few issues like something is wrong in the Code like you forgot to initialize the cells read , Excel DataFormatter is Wrong .**
- **Difference b/w Selenium 4 v/s Selenium 3 and which version of selenium you are using in your project**
- **Why CSS -Selector is more famous than The X-Path ?**
  - Difference between Css selector and Xpath
- Can we automate Captcha? Autolt tool and using it how can we automate captcha
  - Its advantage over Sendkeys
- **Difference between POM/Page Object Model and Page Factory**

- What is Factory Annotation
- What is Page Factory ,Finding Element and how you store those objects →
- What is another way to enter in website instead of driver.get
  - Difference between driver.get() and driver.navigate()?
- What is keyword driven framework and Data Driven framework
- BDD Framework Designing explain Why we are Using it ,what are the Key Component of BDD. ?
- What Is the Difference b/w BDD and TDD Framework?
- How to Create the Executable Jar File in your Framework →
- Difference b/w driver.quit() and driver.close() ?
- What is DOM
- Webdriver architecture latest and old
- Exceptions and Error you faced in selenium framework
  - Timeout exception
  - Webdriver Exception
  - StaleElement reference Exception
  - Which Exception you get if you invoke driver instance after using driver.quit()
  - How you handle Many Exception in Selenium Framework ?
  - How to Handle Jdbc Connection Exception
- Double click and right click and context click
- Which are the Overloaded Method Available in Selenium
- Different between getwindowhandle and getwindowhandles
- Different type of locators which one you used the most, open google chrome open
  - You have found an element while creating the script but while execution the driver is not able to find the element. What could be the reason ?
  - Difference between Absolute and Relative Xpath and which one is better
- How to handle Frames and how to find index of frames
- What is Htmlunitdriver → **Headless Browser testing fastest**
- How to handle SSL certificate
- Ways to press Enter in some textbox
- Scroll Down and up in selenium
- **Selenium Component** →
- How to test Font Style and Font Colour of webelements
- Open the login page using the selenium
  - Intitiate chromebrowser and launch url and close
  - What is Webdriver and Chromedriver in it
  - How to confirm which user is logged in using the Assert
- Different types of Wait . Implicit and Explicit Wait .What is Fluent Wait Syntax of it.
  - What happen if we use both implicit and explicit wait →
  - Thread.sleep
- Different types of navigation command
- Chromeoptions –disable notification etc → disable notification using the Chromeoptions

- Why Captch and otp is not automated
- Desired Capabilities used in selenium
- Switch to 3<sup>rd</sup> child window
- Refresh page in different ways
- Java Script Executor- get,click ,highlight element
- New features of selenium 4
- Syntax of capturing Screenshot
  - Of pass and failed tese case
  - Screenshot of Chrome maximize window
- Run Test case in groupwise
- Testng longform
- Difference B/w Testng and Junit
- Include and exclude keyword
- What Is Invocation Count
  - How can I run same test multiple time
- How to Pass Value from testng.xml to testng test method
- Difference between junit and testng
- Different types of annotation in testng
  - Arranging of testng xml tags
- What Is Jenkins
  - Configuration of Github to new Environment in jenkins
  - What is the basic Criteria or PreReqstie in our framework so that we can move to the Ci/Cd ?
  - How to Configure Pipeline in Jenkins
  - Cron format job scheduling using Jenkin
- CI/CD long form → COntinuos delievery/Continuous Deployment
- How to access common keyword in selenium?
- Testng Metagroups
- How to handle Ajax calls→ Using the Wait
- Context Node
- Question on Data Provider ?
  - Can we test 10 column using data Provider
- How to run failed Test cases
- Same test case want to test multiple time in framework ?
  - How to use and the purpose of Invovation Count and Threadpool Size in selenium
  - How can I run same test case multiple time?
- How to set priority for test cases
  - How to Execute the 50 Test Cases out of 100 TestCases →using the Groups
- Testng priorities(negative and positive)

- Testng Parameter like depends on,dataprovder,invocation count etc
- Testng xml and integration with POM
- Question on include and Exclude Keyword?
- Challenges you have faced in framework→ [give them many](#)
- Git command and Version Controlling
- **Sql Query** to order date column in ascending order
  - Highest Salary for 3 different department like hr ,employee and manager
  - Primary Key v/s Foreign Key differences with Example
  - Simple Queries on fetching the data from 2 tables→
  - **Join**
    - Full Outer Join + Outer Join
    - Simple Queries on Joins →
    - Using Aggregate function 2<sup>nd</sup> Highest Salary →

Find the highest salary from the Emp table	Select Max(Salary) from the Emp;
Find the 2 <sup>nd</sup> Highest Salary	Select Max(Salary) from Emp Where Salary Not IN(Select Max(Salary) from Emp)→ similarly Third Highest also can be find → Select Max(salary) from the Emp where Salary Not In(Select Max(salary) from the Emp where Salary Not IN (Slect Max(Salary) from the Emp);
<b>Nth Highest Salary</b> → N is Basically the Position lets say 5 <sup>th</sup> Highest Salary than put 5 there.	Select Salary from Emp e1 where N-1=(Select Count(Distinct Salary) from Emp e2 Where e2.Salary>e1.Salary)

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- Similarly 3<sup>rd</sup> Highest Salary
- **Maven Lifecycle**
  - Its Importance
  - Run configuration with the help of Maven
- **Api Testing**
  - Common Component of Http Request
  - Response Component
  - Response Codes Refer [document](#)
  - What is Apl testing and what do you know about the Postman
  - Difference B/w Get-Put-Post-Delete

**Tips**→ It just an Interview – Work Hard –after Each interview thing and talk with yourself what went well and what not , I am Sure you will get your answer and Surely you Will get Success – All the Best

