

Automation Interview Questions for Experienced Candidates

1. Explain your current automation project.
2. Explain your automation framework. What are the core tools and supporting tools (if any) implemented in your automation framework and why?
3. Explain the execution flow of your automation framework.
4. What was your approach towards creating automation scripts after receiving the first build of test application?
5. Explain the process followed in your organization to deliver an automation project.
6. What are the set of steps followed by you after you witness a failure in test suite execution?
7. How many builds did you receive in your project?
8. What approach do you follow to design an automation framework?
9. How did you receive test build for your project?
10. What was your approach to convert manual test cases into automation scripts?
11. What were the technical challenges faced by you during your automation project?
12. A few real time scenarios to write automation scripts.
13. What locators were most used by you in your automation project.
14. What java oops concepts have been implemented in your automation framework and scripts?
15. Explain TestNG annotations hierarchy. What is the difference between @BeforeTest and @BeforeMethod?
16. Why did you use TestNG as a core tool in your automation framework?
17. What is your approach to reduce total execution time of your entire test suite?
18. What is parameterization in TestNG?
19. Can you perform parallel execution on multiple instances of same browser?
20. Write a code to capture application page screen shot in case of failure in automation test.

21. What is testng listener and how can you implement it in your framework?
22. Explain maven build life cycle.
23. How is pom.xml linked to testng.xml file while test suite execution when you give a maven run to your project?
24. What was the total number of automation scripts in your project and how many did you write?
25. What was the total execution time of your automation test suite?
26. How can you re-execute only failed and skipped test scripts automatically after end of the test suite execution?
27. Which version of selenium have you worked with? How do you capture the entire web page screen shot in selenium latest version?
28. Write an xpath to select all the elements present in a webpage.
29. What could be the reason for a button not being clicked using all the possible locators? What will be your approach to click on a button if the provided xpath or any other locator is not working?
30. What approach have you used in your project to achieve synchronization?
31. Which attribute you should consider throughout the script in frame for "if no frame Id as well as no frame name" is available?
32. Explain what is Datadriven framework and Keyword driven?
33. Explain how you can handle colors in web driver?
34. How do you handle frames in selenium?
35. What were the different Selenium exceptions handled by you in your automation project?
36. Give a real time example of abstraction.
37. What is static keyword in java and a basic code question on same.
38. Have you used collections concepts in your project?
39. What is String in java and how does it differ from String Buffer and String builder?
40. What is the difference between creating String as new() and literal?
41. What is constructor chaining in java?

42. Give a real time example of auto upcasting in your automation project.
43. Pattern programs.
44. Difference between final, finalize and finally?
45. Difference between poll() and remove() method?
46. How do you print Array in Java?
47. Write code to remove elements from ArrayList while iterating?
48. How to extract only numeric digits in a given String?
49. What is the interface? Why you use it if you cannot write anything concrete on it?
50. Which Java design pattern have you used in your automation framework and why?
51. What is Stale Element Reference Exception ?How do you handle it in selenium?