





Topic Name	Date	Done	Uploaded to Github?	Comments	Notes or Projects
What is Java, Features, Variables?		<input type="checkbox"/>			
Data Types in Java- Primitive Data Type and Non-Primitive Data Type		<input type="checkbox"/>			
Operators-Arithmetic and Logical operators in Java		<input type="checkbox"/>			
Looping statement- For loop, while loop, enhanced for loop		<input type="checkbox"/>			
Conditional Statement		<input type="checkbox"/>			
Array in Detail		<input type="checkbox"/>			
Classes, Object in Java		<input checked="" type="checkbox"/>			
Static vs Non-static		<input type="checkbox"/>			
Access Modifier- Public, Private, Protected, Default		<input type="checkbox"/>			
Inheritance- Single level Inheritance		<input type="checkbox"/>			
Constructor- Default constructor and parameterized constructor		<input type="checkbox"/>			
Method overloading- Compile time Polymorphism		<input type="checkbox"/>			
Constructor overloading- Compile time Polymorphism		<input type="checkbox"/>			
Method overriding- Run time Polymorphism		<input type="checkbox"/>			
Interface		<input type="checkbox"/>			
Abstract Class		<input type="checkbox"/>			
String class and usage		<input type="checkbox"/>			
Collection and Collections- Dynamic data structure and important for the framework and script development		<input type="checkbox"/>			
List- ArrayList and LinkedList		<input type="checkbox"/>			
Set- HashSet, LinkedHashSet, TreeSet		<input type="checkbox"/>			
Map- HashMap, LinkedHashMap, TreeMap		<input type="checkbox"/>			
Exception Handling- Handle Java exception		<input type="checkbox"/>			
Best Practices Programming & Framework		<input type="checkbox"/>			

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What is Maven and Why Maven Required for Automation		<input type="checkbox"/>			
Download and Installing Maven in Windows and plugin in eclipse		<input type="checkbox"/>			
Creating first build in Maven		<input type="checkbox"/>			
Different Goals in Maven		<input type="checkbox"/>			
How to parameterized Maven build		<input type="checkbox"/>			
Running maven build from eclipse and from the command prompt		<input type="checkbox"/>			
TestNG-Unit Test Framework		<input checked="" type="checkbox"/>			
TestNG in Details		<input checked="" type="checkbox"/>			
Advantage of using TestNG		<input type="checkbox"/>			
Download and Write the first test script in TestNG		<input type="checkbox"/>			
TestNG document understanding		<input type="checkbox"/>			
Different annotation usage		<input type="checkbox"/>			
How to run the test in sequence manner		<input type="checkbox"/>			
How to provide dependency between test cases		<input type="checkbox"/>			
How to use assert values and validation		<input type="checkbox"/>			
Soft Assert vs Hard Assert		<input type="checkbox"/>			
Reports in TestNG		<input type="checkbox"/>			
Creating a test suite in TestNG to run multiple test cases		<input type="checkbox"/>			
Passing parameter to test via testng.xml file		<input type="checkbox"/>			
Logs in TestNG		<input type="checkbox"/>			

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Configure Eclipse with Rest-Assured		<input type="checkbox"/>			
REST API Test using Rest Assured		<input type="checkbox"/>			
Validate Response Status using Rest Assured		<input type="checkbox"/>			
Validate Response Header using Rest Assured		<input type="checkbox"/>			
Read _JSON Response Body using Rest Assured		<input type="checkbox"/>			
Framework Definitions		<input type="checkbox"/>			
Type of Automation framework, usage, features and myth about the framework		<input type="checkbox"/>			
Data Driven Framework from scratch		<input type="checkbox"/>			
Hybrid Framework		<input type="checkbox"/>			
Creation of framework Skelton		<input type="checkbox"/>			
Different component of the framework		<input type="checkbox"/>			
Data Provider- Config and Excel Data Provider- Test Data and config file		<input type="checkbox"/>			
Base Class creation and usage		<input type="checkbox"/>			
Folder structure & Framework creation		<input type="checkbox"/>			
Framework creation		<input type="checkbox"/>			
Framework creation		<input type="checkbox"/>			
Setting up Cucumber project		<input type="checkbox"/>			
Performing a LIVE project Cucumber BDD and Rest Assured		<input type="checkbox"/>			
Running API Automation in CI/CD Jenkins		<input type="checkbox"/>			
Discussion over more than 51+ interview questions for freshers and experience candidate		<input type="checkbox"/>			

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What is Selenium		<input type="checkbox"/>			
Why Selenium? / Advantages		<input type="checkbox"/>			
What are its versions?		<input type="checkbox"/>			
What all OS, Browsers, and Programming Languages does it Support?		<input type="checkbox"/>			
Java-Selenium Architecture		<input type="checkbox"/>			
Selenium vs Playwright vs Cypress		<input type="checkbox"/>			
WebDriver Architecture		<input type="checkbox"/>			
Selenium IDE		<input type="checkbox"/>			
Selenium Grid 3, 4		<input type="checkbox"/>			
Basic Selenium Program to Open and close Browser		<input type="checkbox"/>			
Runtime Polymorphism Program in Selenium		<input type="checkbox"/>			
WebDriver abstract methods		<input checked="" type="checkbox"/>			
Locators XPath, its Types and cases.		<input type="checkbox"/>			
Handling Multiple Elements		<input type="checkbox"/>			
Handling Synchronization issue by using implicitly Wait and Explicit Wait		<input type="checkbox"/>			
Handling Dropdown (static and dynamic)		<input type="checkbox"/>			
Handling Keyboard and Mouse Actions		<input type="checkbox"/>			
Taking Screenshot		<input type="checkbox"/>			
Handling Disabled Element , Performing Scroll down Action		<input type="checkbox"/>			
Web Element Interface Methods		<input type="checkbox"/>			
Handling Popups (web-based and Window-based)		<input type="checkbox"/>			
Handling Frames, Handling New Windows/New Tabs		<input type="checkbox"/>			
Custom Automation Framework		<input type="checkbox"/>			
New Selenium 4.6.0		<input type="checkbox"/>			
Cloud Testing - BrowserStack Demo		<input type="checkbox"/>			
Projects					
<a href="#">Appvwo.com</a> Dashboard APIs					
Automation Challenge x 5					
the-internet App					
OpenCart					
HR Module					

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What is the Database?		<input type="checkbox"/>			
CRUD Types of Databases		<input type="checkbox"/>			
Installation of the Tools Relational Database		<input type="checkbox"/>			
What is SQL?		<input type="checkbox"/>			
Non-Relational Databases (no SQL, Not just SQL)		<input type="checkbox"/>			
Database Queries		<input type="checkbox"/>			
Table Structure		<input type="checkbox"/>			
Relationships:		<input type="checkbox"/>			
SQL Commands		<input type="checkbox"/>			
Data definition language (DDL)		<input type="checkbox"/>			
Data manipulation language (DML):		<input type="checkbox"/>			
Keys , Keys in Databases Data Types in SQL		<input type="checkbox"/>			
SQL Operations Data insertion and		<input type="checkbox"/>			
CRUD Count the items Deleting Rows from		<input type="checkbox"/>			
Tables Update Rows Like Operator		<input type="checkbox"/>			
DROP DATABASE		<input type="checkbox"/>			
ALTER TABLE		<input type="checkbox"/>			
TRUNCATE TABLE		<input type="checkbox"/>			
Mini Project CRUD		<input type="checkbox"/>			
Project #1 -Student and Courses Project		<input type="checkbox"/>			
Project #2 - Customer and Orders, with Products (CRM)		<input type="checkbox"/>			
SQL Joins		<input type="checkbox"/>			
SQL Constraints		<input type="checkbox"/>			
Null Functions:		<input type="checkbox"/>			
PROCEDURE		<input type="checkbox"/>			
TRIGGERS		<input type="checkbox"/>			
Delete All		<input type="checkbox"/>			
Interview Questions		<input type="checkbox"/>			

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Basic linux Commands ( 100 List)					
AWS Basics					
Git Basics					
Git Lab and Git Hub Basics					

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BrowserStack Test Run					
Design Patterns					
Regex 101					