

API USING POSTMAN AND REST ASSURED TRAINING

Pre Requisites: No Prior Knowledge is required to learn Software testing with us.



Course HighLights:

- 10+ yrs of experienced real time trainers
- Competitive course content as per current market.
- Real time project End to End will be covered in every course.
- Course will be start from basic level to advanced level
- All the real time tools learn in the part of course
- Daily Assignments and monitoring your work
- Weekly Written Tests will be conducted
- Real time scenarios and Interview Questions discussion
- Mock interviews with feedback and suggestions if any.
- Sharing all the documents used in Real Time projects.
- After course completion also we will address your queries on weekly Q&A session.
- Recordings Access for lifetime.

API USING POSTMAN AND REST ASSURED TRAINING

1. Introduction to API Testing

- What is Client & server?
- Client-server architecture
- What is an API?
- What is API Testing? Why it is needed?
- Types of an API - SOAP & Rest
- API Vs Webservice
- Rest API methods
- http Vs https

2. Java Script:

- Introduction to Java Script ,DOM and writing JavaScript Program
- JavaScript Variable DataTypes and Operators
- Conditional Statements -If ,Else ,Switch cases
- Looping Statements in JS -While,DoWhile,For
- JS Functions
- Working with Objects in JavaScripts
- Array and Array methods in Java Script
- Idea on String and Numbers
- OOPS concept in JavaScript
- Inheritance- Types with Def and Examples,Super keyword
- Prototype in JavaScript
- Polymorphism in JavaScript
- Converting JSON text to JavaScript Object

3. Postman

- Postman Introduction
- Postman installation
- Creating Workspace
- Creating Collection
- Creating Requests - Get, Post, Put & Delete
- Saving & Editing Requests
- Operations on Collections
- Things to be validated in response
- Status codes
- Cookies & Headers
- Response body
- Exporting & Importing Collections
- Creating Dummy API's for API Testing

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- JavaScript Object Notation (JSON)
- Validating Response by adding Tests
- Testing status codes
- Testing headers
- Testing cookies
- Testing response time
- Testing response body
- Working with Variables
- Scripts in Postman
- Pre-request Scripts
- Test Scripts & Validations
- Working with Variables
- Get and Set Variables with Scripts
- Postman Console
- Chaining Requests
- Data Driven Testing using JSON & CSV files
- File Upload (multipart/form-data)
- Authorizations
- Swagger
- Client URL
- Validating XML Response
- Converting XML Response to JSON format
- Documenting & Publishing
- Exploring & Testing e-Commerce App API's
- Exporting & Sharing Collections
- How to run postman collections
- Reporting
- Pushing Collections to GitHub
- Run Collections in Jenkins

4. Core Java

- Introduction
- Data types
- String Methods
- Control Statements
- Looping Statements
- Arrays
- Exception Handling

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- Error Handling
- Collections
- Database connections
- Object Oriented Programming Concepts

5. Rest Assured (Using Java & TestNG)

- Introduction to Rest Assured
- Setting Rest Assured Maven Project
- Including The Required REST Assured and Other Dependencies
- Writing first REST Assured API Automation Script
- HTTP Methods
- GET, Post, Put, Delete
- Post request body creation ways
- HashMap
- POJO class
- External JSON file
- Parameters
- Path Parameters
- Query parameters
- Headers and cookies
- Logging
- Parsing Response
- Parsing JSON response using Json path
- Parsing XML response using XML Path
- File Upload & Download API
- JSON & XML Schema validations
- Serialization & de-serialization
- Authentications Types
- Basic Authentication
- Digest Authentication
- Preemptive Authentication
- API Chaining
- Request and response specification builders
- Root Path
- Rest Assured Framework development

6. Daily Assignments

7. Weekly Written Test

8. Mock Interview and Interview Questions

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9. Practical Knowledge On Real-Time Environment
10. Drafting & Sending The Real Time Emails
11. Focus On Interview Questions
12. Resume Preparation
13. Forward Resumes To The Companies
14. Placement Assistance until you placed
15. Guidance On Register And Apply Jobs Through Job Portals

FAQ's:

1. **Placements:**

We will refer your resumes to companies for openings; you have to perform in interview and impress the interviewer with your answers and build the confidence. If you need any help in how to answer or any other knowledge, we will be happy to serve you on it.

With our level of real time training and followed all assignments given by us, Mock Interviews, Expert level of resume preparation should be very much enough to crack the interview in technical and others is depends on candidate expressive and impressive skills.

2. **Recordings:**

Life time access will be provided.

3. **Shall get support after course completion:**

You can send mail to us on your clarification, and will be discussing in Weekly Q&A Session.