

AUTOMATION TESTING

CONTENT

CORE JAVA:

- ❖ Java Introduction
- ❖ Java Installation & IDE installation(Eclipse)
- ❖ Data Types
- ❖ Access Modifier
- ❖ Garbage Collection
- ❖ OOPs Introduction
 - Class
 - Method
 - Object
 - Main Method
 - Variables
- ❖ OOPs Concepts
 - Encapsulation
 - Inheritance
 - Polymorphism
 - Abstraction
- ❖ Constructor
- ❖ Keywords
- ❖ Scanner Class
- ❖ Loop Statements
 - For Loop
 - Nested For Loop
 - While Loop
 - Do-While Loop
 - For Each Loop
- ❖ Decision Making Statements:
 - If Statement
 - Switch Statement
- ❖ Jumping Statements:
 - Break
 - Continue
- ❖ Return Statement
- ❖ Type Casting
- ❖ Array
- ❖ String

- Immutable – Mutable
 - Literal – Non- Literal
 - StringBuffer – StringBuilder
- ❖ String Functions
- ❖ Collection
 - List
 - Set
 - Map
- ❖ Exception
 - *Exception Types*
 - *Exception Handling*
 - *User Defined Exception*

Selenium :

- ❖ Automation Introduction
- ❖ Selenium Introduction & Installation
- ❖ WebDriver & Methods
- ❖ Browser Launch
- ❖ WebElement & Methods
- ❖ Window Maximize & Minimize
- ❖ Locators
- ❖ Screenshot
- ❖ Input or Textbox
- ❖ Radio Button & Check Box
- ❖ Dropdown(Single & Multiple)
- ❖ Alert
- ❖ Frame
- ❖ Scroll Up & Down(Javascript Executor)
- ❖ Actions & Robot Class
- ❖ Webtable
- ❖ Windows Handling
- ❖ Waits

- ❖ Xpath(Relative ,Absolute ,Dynamic, Xpath Axes)
- ❖ SVG Element
- ❖ Calendar
- ❖ Mini Project

PROJECT

- Maven
 - Installation
 - Introduction
- Data Driven
 - Introduction
 - Read Data
 - Write Data
- Base Class
 - Base Class Methods
 - POM
 - POJO
 - STDP
- Frameworks
 - TestNG
 - Cucumber
- Tools
 - Git
 - Jira
 - Jenkins
- Manual Testing
- API Testing
 - Postman
 - Rest Assured
- SQL

Interview Preparation:

- ❖ Communication
- ❖ Aptitude
- ❖ Java Interview Programs
- ❖ Framework Structure(End to End)
- ❖ Mock Interview
- ❖ Resume Preparation
- ❖ Profile Updation
- ❖ HR Calls Scheduling
- ❖ Placement Support



