

QTP / UFT: S/W Testing Automation Tool

Duration: 7 Weeks (Weekdays Batch)/ 8 Weekend (Weekend Batch)

Prerequisites

- Knowledge of Manual Testing

VB Scripting

1. Introduction

- Simple VBScript code
- Comments in VBScript

2. Variables and Data Types

- VB Script Variables
- VB Script Data Types
- Implicit and Explicit Data Types
- Scope of Variables
- Operators

3. VB Script Operators

- Input/Output Operations
- Constants
- Creating an array in VBScript

4. Control Structure

- Conditional Control Structures

- If Else Loop

- For Loop

- While Loop

- Switch Case

5. Procedure and Functions

- Function

- Sub Procedures

- Built-In Functions

- User Defined Functions

- VBScript Syntax Rules and Guidelines

6. Pop-Up Dialogs

- MsgBox

- InputBox

7. QTP Add-Ins Information

Basic & Advanced QTP / UFT

1. Introduction to Automation Testing

- What is Automation Testing?
- Why Automate?
- When to Automate?
- Which Test Cases to Automate?
- Different Automation tools
- Automation challenges & Mitigations

2. Introduction to QTP

- About QTP
- Getting Familiar with QTP windows
- Main Stages of QTP

3. Record and Play with Test

- Normal Recording
- Low Level Recording
- Analog Recording

4. Object Repository and Identification

- Local Object Repository
- Object Spy
- Share Object Repository
- Merging of Object Repository
- Mandatory Object Identification
- Assistive Object Identification
- Ordinal Identifier
- Smart Identification

5. Checkpoints & Synchronization

- Define checkpoints
- Types of Checkpoints
- Use standard checkpoints
- Uses of synchronization in QTP
- Windows and Web Objects

6. Actions

- Types of Actions
- Actions Vs Functions

7. Parameterization

- Parameter Types
- Using Datatable Parameters
- Transaction

8. Different way to write Script

- Report Object
- QTP Run Mode

9. Objects Type

- Standard Object
- Custom Object
- Virtual Object

10. Exception Handling & Debugging

- Exception Handling
 - Recovery Scenario
 - Regular Expression
-

11. Object Models

- FSO
- COM
- AOM
- DOM

12. Data Table and Descriptive Programming

- Introduction & Advantages
- Types of DP
- Working with Database
- Working with Excel
- WSH(Window Script Hosting)

13. QTP Automation Frameworks

- Test Script Modularity Driven
- Library Architecture
- Data Driven
- Keyword Driven
- Hybrid Driven

14. QTP Integration with HP Quality Center

- Saving scripts in ALM
- Running QTP scripts from ALM

Hands on Experience on Industry Project, Mock Tests & Interview Tips
