

Hands on QTP

Module 1 - Automation Basics

- What is Manual testing
- Limitation of manual testing
- What is automation testing
- When to implement automation testing
- Benefit of automation testing
- When not to use automation testing

Module 2 - QTP Fundamentals

- Introduction to QTP
- Architecture of QTP
- Environment supported by QTP
- Installation of QTP
- Installing seat or con-current license in QTP
- Installing Add-ins
- Running simple record and run

Module 3 - Fundamentals of Vbscript

- Why VB in QTP
- Vbscript variables and constants
- Vbscript arrays
- Writing functions and subroutines
- Writing conditional statements
- Writing loop statements
- Vbscript classes
- Writing and executing simple VBscript in QTP

Module 4 - Basics of QTP

- Creating a test
- Expert and keyword view
- Recording and running a test
- Recording modes
- Record and run settings
- Active screen, checkpoints and object description
- Saving a test

- Opening existing test

Module 5 - Objects and object repository

- Objects in QTP
- Types of Objects
- Object spy
- Object repository
- Local and Shared object repository
- Object Identification in QTP
- Adding and removing objects manually in object repository
- Storing object repository on hard disk

Module 6 - Synchronization

- What is synchronization
- Methods to configure synchronization
- Test setting method
- Wait method
- WaitProperty method
- Exist method
- Sync method

Module 7 - Checkpoints

- What is checkpoint
- Standard checkpoint
- Text checkpoint
- Text area checkpoint
- Bitmap checkpoint
- Accessibility checkpoint

Module 8 - values

- What is output value
- Standard output value
- Text output value
- Text area output value

Module 9 - Datatable/parameterization

- what is data table
- Global data table
- Local data table
- Data driven scenario automation

- Import/export excel into datatable

Module 10 - Descriptive programming

- What is descriptive programming
- When to use descriptive programming
- How does QTP extracts objects
- Extracting all the objects and printing properties of objects
- Extracting all links of page and printing their names
- Extracting links and clicking them one by one
- Extracting specific objects