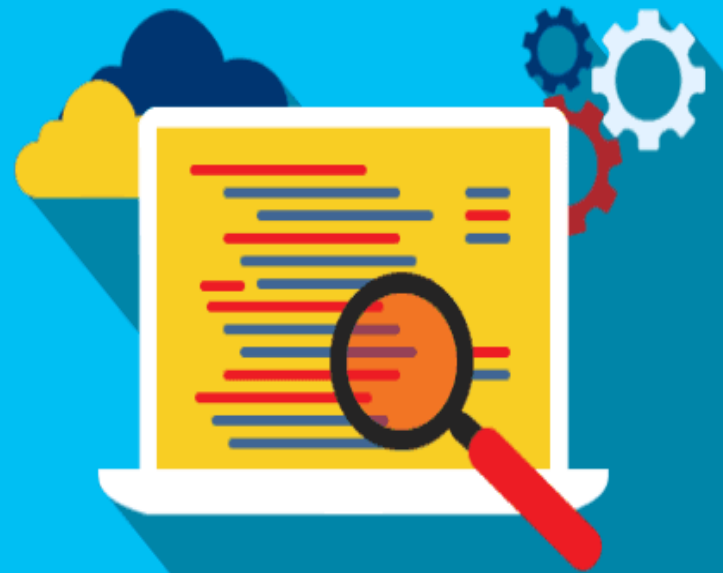


```
operation = "MIRROR_X"
mirror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False
operation = "MIRROR_Y"
mirror_mod.use_x = False
mirror_mod.use_y = True
mirror_mod.use_z = False
operation = "MIRROR_Z"
mirror_mod.use_x = False
mirror_mod.use_y = False
mirror_mod.use_z = True
```

Course details

## *Selenium Testing*

What is  
Selenium?



*Duration: 45 days*

*Training provided BY Firsttechsystems.com*



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## Introduction to Automation

- What is automation testing
- Advantages of Automation Testing
- How to learn any automation tool
- Types of Automation tools

## Introduction to Selenium

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- What is Selenium
- Use of Selenium
- Features of selenium
- Difference between Selenium and QTP

## Selenium Components

- Selenium IDE
- Selenium RC
- Selenium Grid
- Selenium Web Driver

### Selenium IDE

- Selenium Overview
- Selenium IDE Introduction
- Downloading and Installing Selenium IDE
- Recording and Running a Simple Test
- Selenium IDE – Features
- Installing Useful Tools for Writing Tests
- Selenium Concepts
- Selenium Commands
- Creating Selenium Test Suites
- Limitations of Selenium IDE

## JavaScript and HTML

- Introduction
- Statements
- Comments
- Variables
- Operators
- Comparisons
- If...Else
- Switch
- Functions
- For Loop
- While Loop
- Break Loops
- For...In
- Events
- Try...Catch

## Fire Bug, Xpath and CSS

- Introduction to Firebug
- Downloading and installing of Firebug
- Downloading and installing of xpath
- How to identify the xpath for an particular element
- Identifying objects using CSS

## How to use TestNG in Selenium

- Introduction to TestNG
- Why TestNG
- Setting up TestNG
- Working with TestNG
- Advantages of TestNG over Junit
- Exploring TestNG Features
- How to Use TestNG Annotations

- Data Driven Testing TestNG
- TestNG Execution Report

### Selenium Grid

- Introduction Selenium Grid
- Advantages of Selenium Grid

### Advanced Selenium Web driver

- Introduction to selenium 2.0
- Advantages of web driver
- Web Driver v/s RC
- Architecture of Web Driver and RC
- Web Driver IDE
- Installation / Configuring Eclipse for Web Driver
- Identifying the elements in Web Driver Using Id, Name, Xpath ,Dom and CSS
- Working with Different drivers like HtmlUnit driver, Firefox Driver etc...
- Creating the generic scripts in Web Driver
- Creating the scripts by using functions
- Web Driver commands with examples
- Web Driver with TestNG

### Automation Framework

- What is Framework
- Types of Frameworks
- What is modular framework
- What is Data Driven framework
- What is Keyword driven framework
- What is Hybrid framework
- Use of Framework
- How to execute the scripts from framework