

Day1:- Python

1. Fundamentals of Python

- Introduction to Python
- Python and Pycharm Install
- Writing python code
- Running python programs

2. Variables in Python

- Get the Type
- Declaring the variable
- Re-declare the Variable
- Assigning a single value to multiple variables

3. Python Data Types

- Numbers in Python
- Booleans in Python
- String in Python
- List in Python
- Dictionary in Python

4. Python Operators

- Python Arithmetic Operators
- Python Comparison Operators
- Python Logical Operators
- Python Identity Operators
- Python Membership Operators

5. Python loop

- Python for loop
- Python conditional statement [if else, elif]
- Python break
- Python continue

6. OOPS concept in Python

- Class
- Object
- Method
- Inheritance

7. Exception Handling

- How to raise exceptions in Python?
- Exception handling with try catch block
- Importance of exception handling

8. File Handling

- Python File Open
- Python Read Files
- Readline, Readlines and iterating file lines
- Python File Write
- Delete file and folder

Day1:- Selenium

9. Automation Testing with Selenium

- Why do we need automation?
- What to Automate?
- Selection of tools and techniques?
- Introduction to selenium

10. Selenium Python with different browsers execution.

- Invoke Chrome browser and load the Website to automate
- Invocation of FireFox browser
- Basic methods to get Title, url and close the session
- Clicking on web page elements and entering text in placeholders

11. Selenium Python Automation on different platforms.

- Automate Web App with Mobile Emulation for multiple devices.
- Desktop with multiple resolutions like window-size=1920x1080.
- Mobile emulation with different resolutions.

12. Different types of locators in WebDriver

- Inspecting HTML to identify attributes of elements.
- Locators strategies using ID, Class, name, value, xpath etc
- Finding Elements with Xpath using Chropath Plugin.
- Type of xpath:- Absolute xpath, Relative xpath