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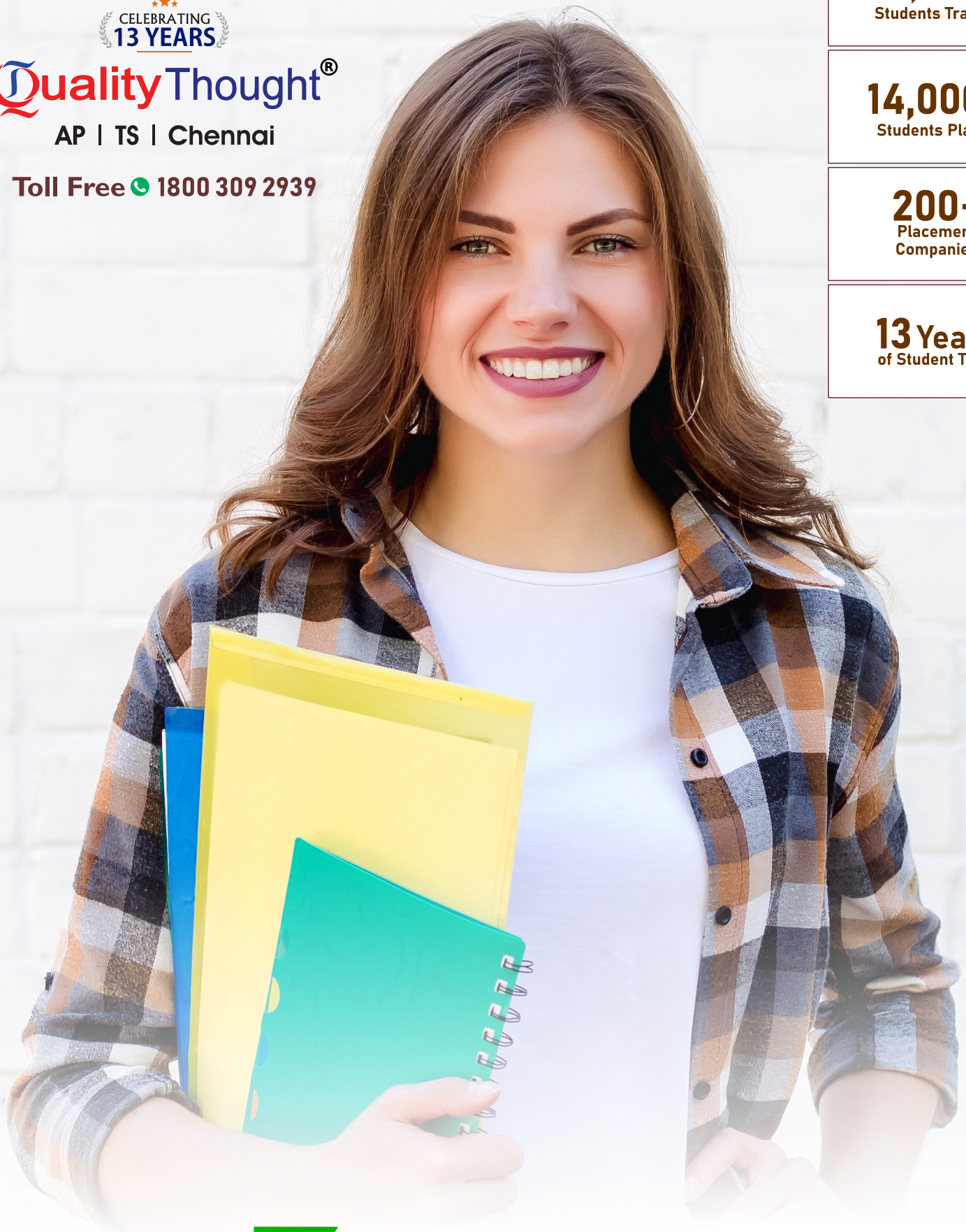
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13 Years
of Student Trust



Selenium



python

Selenium

Introduction

- ⇒ Introduction to automation
- ⇒ Introduction to selenium
- ⇒ Installation of selenium and setting-up the Environments
- ⇒ Invoking the test-cases in various browsers
- ⇒ Browser related operations
- ⇒ HTML and CSS basics
- ⇒ Identification of elements
- ⇒ Locators
 - a) Id
 - b) Name
 - c) Class Name
 - d) Tag-name
 - e) Link text
 - f) Partial link-text
 - g) CSS selectors
 - h) XPATH
- ⇒ Finding element
 - a) Using find element
 - b) Using By Class
- ⇒ Finding Multiple elements
- ⇒ Select class
- ⇒ Selenium Action Class
- ⇒ Handling Frames and Windows
- ⇒ Pop-up Handling
- ⇒ Taking Screenshots
- ⇒ Unit-Test Frameworks
- ⇒ Pytest Frameworks
- ⇒ Page Object Model
- ⇒ Data Driven Frameworks
- ⇒ Keyword Driven Frameworks
- ⇒ Git, jenkins

python

Introduction to Python

- ⇒ Installation & Environment settings.
- ⇒ Introduction to Shell.

Variables, Keywords Data types and Identifiers.

- ⇒ Variables
- ⇒ Keywords
- ⇒ Data types
- ⇒ Identifiers

String, List, Set Tuple and Dictionary and Slicing

- ⇒ String Data types
- ⇒ List Data types
- ⇒ Set Data types
- ⇒ Tuple Data types
- ⇒ Dictionary Data types
- ⇒ Slicing

Operators

- ⇒ Arithmetic Operators
- ⇒ Logical Operators
- ⇒ Relational Operators
- ⇒ Bitwise operators
- ⇒ Assignment Operators
- ⇒ Membership Operators
- ⇒ Identity Operators

Control Statements

- ⇒ Decisional Statements
- ⇒ Looping Statements
- ⇒ Break, Continue and Pass

Input and Print Statements

- ⇒ Input statements
- ⇒ Print statements

Functions or Methods

- ⇒ Types of Functions
- ⇒ Recursion
- ⇒ Arguments
- ⇒ Packing and unpacking(varargs)

Oops

- ⇒ Class, Objects
- ⇒ Inheritance
- ⇒ Method Overriding
- ⇒ Access Specifies

File Handling and Json

- ⇒ Flat File Handling
- ⇒ Json
- ⇒ Pickle

Exception Handling

- ⇒ Try
- ⇒ Except and final
- ⇒ Custom Exceptions
- ⇒ Raising Exceptions
- ⇒ Assertions

Comprehension

- ⇒ List Comprehension

Decorators

- ⇒ Method
- ⇒ Class Level
- ⇒ Map, Filter and Lambda Expressions
- ⇒ Iterators and Generators



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