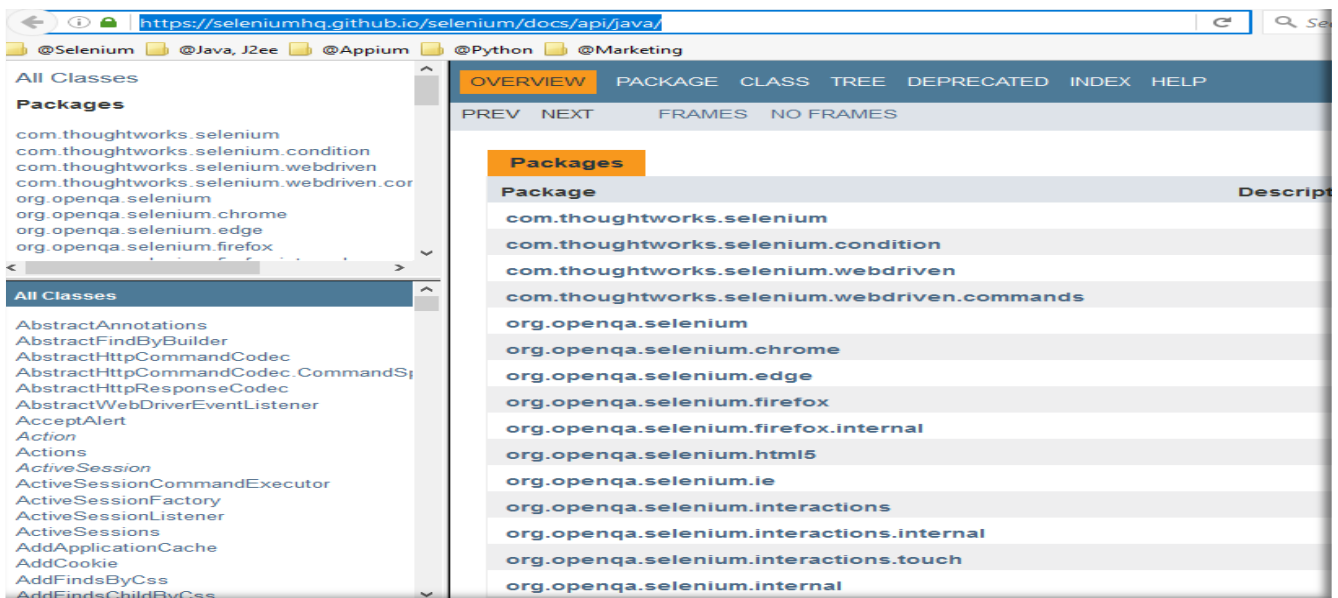


Selenium Project: connect2tech.in-Selenium-Automation-Java-1.x



Use Case @ Frames

Visit the home page <http://localhost:8888/connect2tech.in-Selenium-Automation-Java-1.x/> and click on **Frames**, to launch the below screen.



The screenshot displays the Selenium Java API documentation. The browser address bar shows the URL <https://seleniumhq.github.io/selenium/docs/api/java/>. The left sidebar contains a list of 'All Classes' and 'Packages'. The main content area shows a list of Selenium packages under the 'Packages' section.

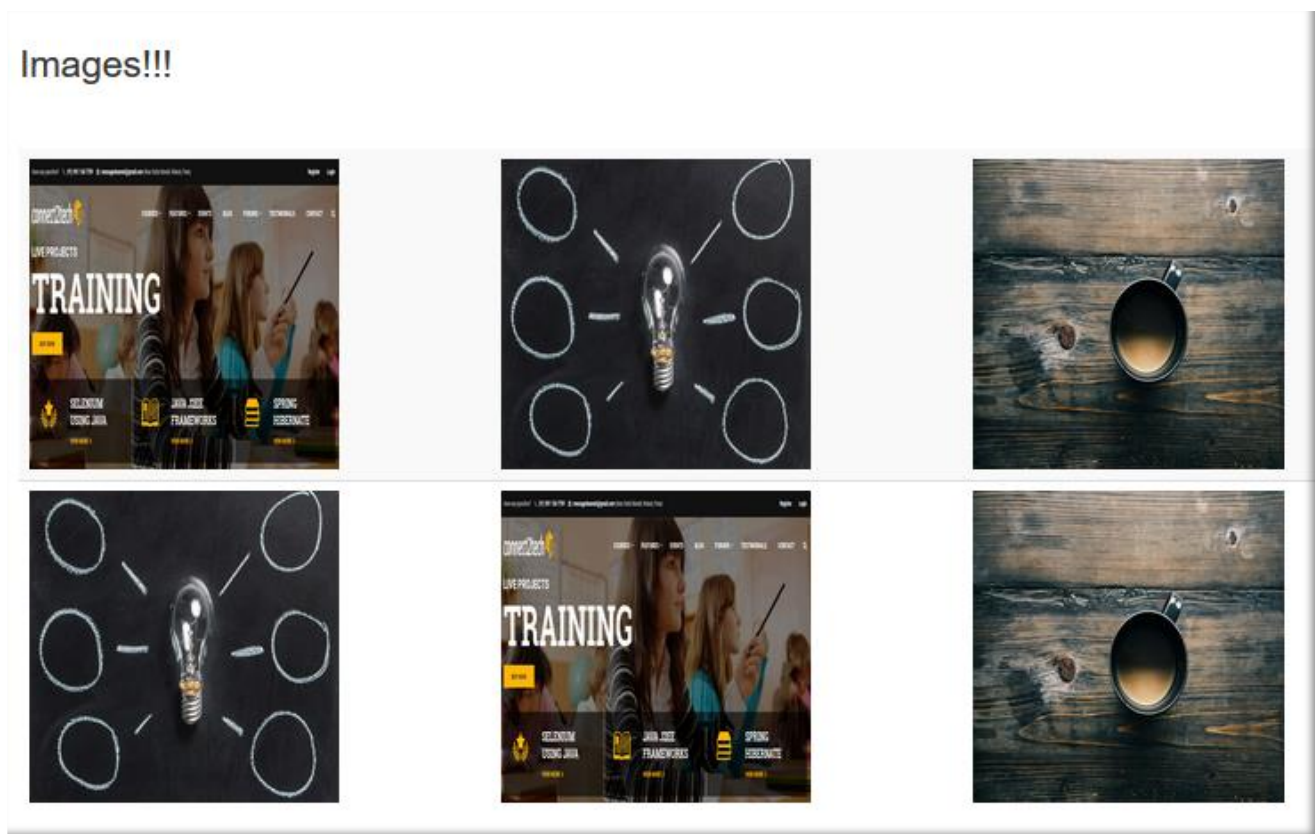
Package	Description
com.thoughtworks.selenium	
com.thoughtworks.selenium.condition	
com.thoughtworks.selenium.webdriven	
com.thoughtworks.selenium.webdriven.commands	
org.openqa.selenium	
org.openqa.selenium.chrome	
org.openqa.selenium.edge	
org.openqa.selenium.firefox	
org.openqa.selenium.firefox.internal	
org.openqa.selenium.html5	
org.openqa.selenium.ie	
org.openqa.selenium.interactions	
org.openqa.selenium.interactions.internal	
org.openqa.selenium.interactions.touch	
org.openqa.selenium.internal	

- Find out the number of **Packages** available in the above screen.
- Locate the package e.g. **org.openqa.selenium** on **top left** frame and click on the package.
- Find out the number of Interfaces, classes, Exceptions on this package from **bottom left**
- Click on WebDriver interface.
- Find out all the Implementing Classes in the WebDriver interface.
- Find out All Methods in the WebDriver interface

Note: Build a generic solution. It should work for all the packages.

Use Case @ Images

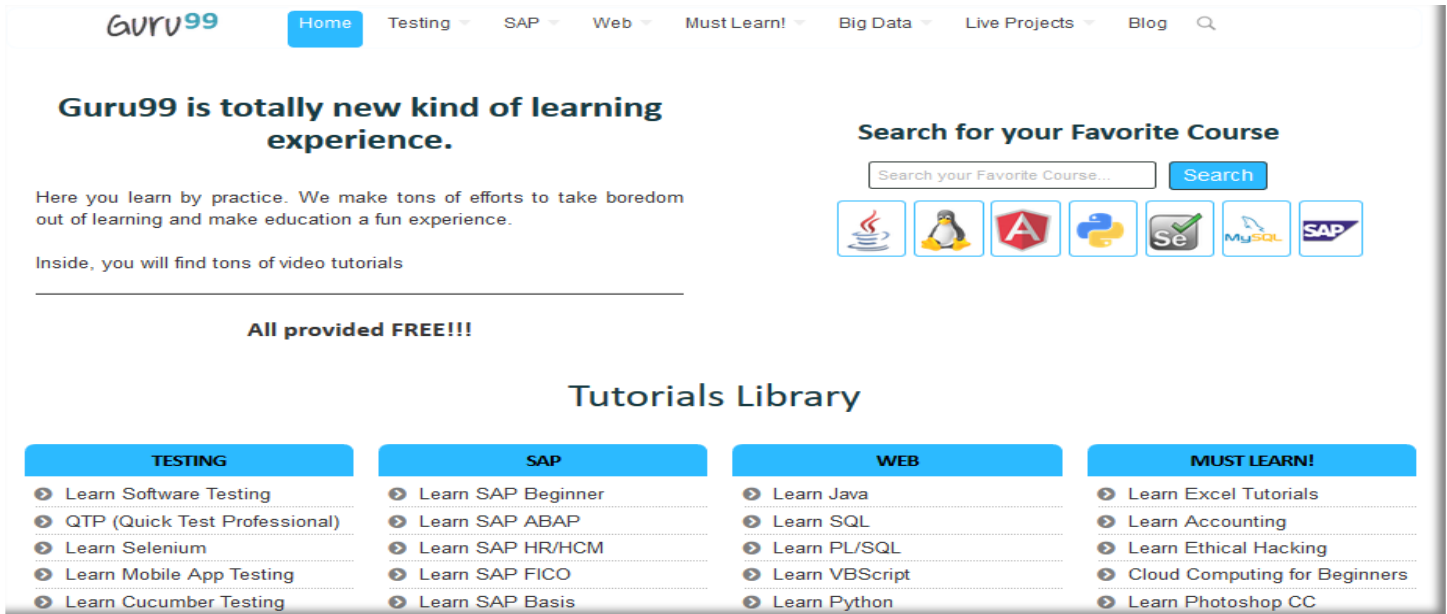
Visit the home page <http://localhost:8888/connect2tech.in-Selenium-Automation-Java-1.x/> and click on **Images**, to launch the below screen.



- Assert the attributes of the img i.e. width and height.
- Download all the unique images from above screen (Compare screen names for uniqueness).
- Save all the images on local drive.
- Save the image details in excel sheet (Location of image, width and height, name of images, format of images).

Use Case @ Downloading Hyperlinks

Visit the home page <http://localhost:8888/connect2tech.in-Selenium-Automation-Java-1.x/> and click on **Hyperlinks**, to launch the below **Screen1**.



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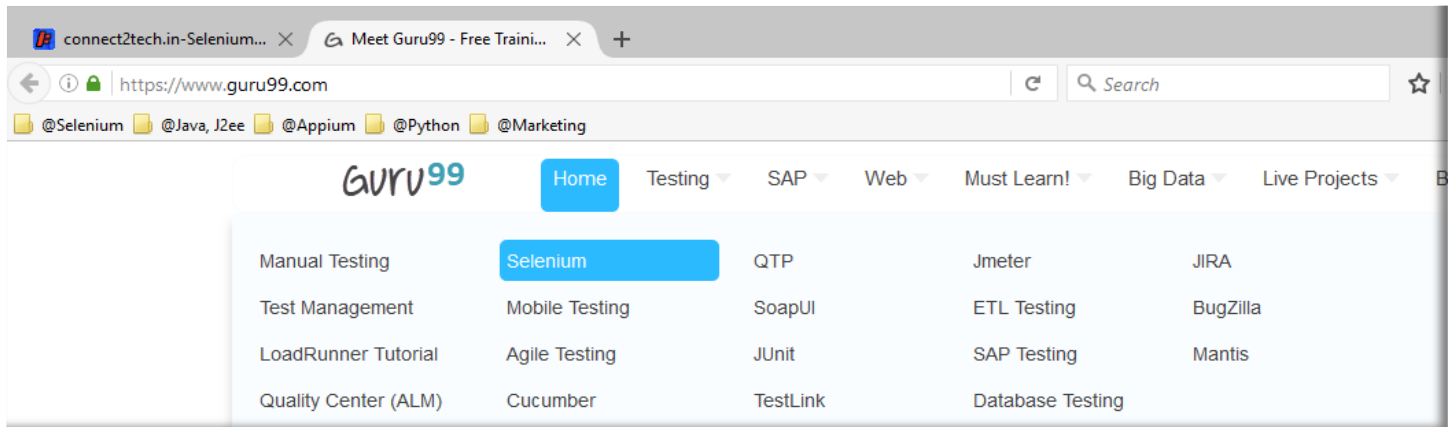


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Screen1

Click on Home>Selenium as show in below **Screen2**.



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LoadRunner Tutorial	Agile Testing	JUnit	SAP Testing	Mantis
Quality Center (ALM)	Cucumber	TestLink	Database Testing	

Screen2


The following **Screen3** will be loaded


Syllabus


First Look


 [Tutorial](#) Introduction to Selenium


Selenium IDE Tutorial


 [Tutorial](#) Install Selenium IDE and FireBug

 [Tutorial](#) Introduction to Selenium IDE

 [Tutorial](#) Creating your First Selenium IDE script

 [Tutorial](#) How to use Locators in Selenium IDE

 [Tutorial](#) How to enhance a script using Selenium IDE

 [Tutorial](#) Store Variables, Echo, Alert, PopUp handling in Selenium IDE

Screen3

- Open each Tutorial link in above page in new tab.
- Save each page on tab on local machine (make sure that for each save, there is a prompt asking location to save the page).

Use Case @ Duplicate Data

Visit the page <http://localhost:8888/connect2tech.in-Selenium-Automation-Java-1.x/users>, to launch the below **Screen1**.

All Users

#ID	Name	Email	framework	Action		
100	mkyong	mkyong@gmail.com	Spring MVC , GWT	Query	Update	Delete
101	alex	alex@yahoo.com	Spring MVC , PLAY	Query	Update	Delete
102	joel	joel@gmail.com	Spring MVC , JSF 2	Query	Update	Delete
103	mkyong	mkyong@gmail.com	Spring MVC , GWT	Query	Update	Delete
104	joel	joel@gmail.com	Spring MVC , JSF 2	Query	Update	Delete
105	joel	joel@gmail.com	Spring MVC , JSF 2	Query	Update	Delete
106	alex	alex@yahoo.com	Spring MVC , PLAY	Query	Update	Delete

- From the above screen, delete duplicate records.
- Make use of TestNG listener to perform the above operation.

Note: A record is duplicate, if it has same Email.