Handling Frames

- Frame is a web page which is embedded in another web page, and is used to display multiple pages inside a single web page.
- In HTML, <iframe> is the tag used by the Web Developers to display any Frame on the Page.
- View the iframes in www.omayo.blogspot.com page - Right click on the frames and observe that 'This Frame' option will be displayed
- 'NoSuchElementException' will be displayed on trying to find the web element which is displayed in an iframe - Demonstrate here
- Switch to the required frame and perform operations - Demonstrate here
    - First switch to a frame and click on 'Hotel' link - Using **switchTo().frame(WebElementOfFrame)**
    - Switch back to the main page using **switchTo().defaultContent()** and type text into the 'Search' text box field

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Handling Lightbox

- Unlike alerts, frames or windows, we need not switch to Lightbox for performing operations.
- Light boxes are part of the same HTML web page only.
- Demonstrate a program which handles the light box - Demonstrate here
    - Hence it is not required to switch to the lightbox for performing operations on it.

Chrome Browser - Executing Selenium Scripts

- Chrome Compatibility with Selenium 2 Versions
    - Go to Seleniumhq.org > Downloads > Google Chrome Driver > Change log and find the compatible chrome browser for the latest chromedriver.exe
- Execute a sample selenium automation script on Chrome Browser - Demonstrate here

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IE Browser - Executing Selenium Scripts

- Selenium 2.53.1 supports all the versions from IE 6 to IE 11
- Download the IEDriverServer.exe from Previous releases having version 2.53.1 (32 bit)
- Execute a sample selenium automation script on Chrome Browser - Demonstrate here
- Explain the advantages of WebDriver interface and assigning the objects of FirefoxDriver, ChromeDriver and InternetExplorerDriver classes to it.