**Frame:**

iFrame is a HTML document embedded inside an HTML document. iFrame is defined by an <iframe></iframe> tag in HTML. With this tag, you can identify an iFrame while inspecting the HTML tree.

we have to switch to the frame ---- like window and alert.

tagname => iframe

driver.switchTo().frame(id);

**parameter:**

index

id (or) name

webelement

**parentframe:**

From child frame to parent frame.(to outer)

***driver.switchTo().parentFrame();***

back to the parent frame

**defaultcontent:**

From frame to the main page. (application)

***switchTo().defaultContent()***.

switches the driver back to the main page.

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Method Overloading :

***driver.findElements(By.tagName("iframe")).size();***

finds the total number of iframes present inside the page using the tagname 'iframe'.

***driver.switchTo().frame(index)***

(0th iframe we can simple write ***driver.switchTo().frame(0)***)

Pass the frame index and driver will switch to that frame

Index of the iframe starts with '0'.

Suppose if there are 100 frames in page, we can switch to frame in Selenium by using index.

* driver.switchTo().frame(0);
* driver.switchTo().frame(1);

***drive.rswitchTo().frame(id or name)***

Pass the frame element Name or ID and driver will switch to that frame.

***driver.switchTo().frame (webelement)***

Pass the frame web element and driver will switch to that frame.