//switch To IFrame using index

driver.switchTo().frame(0);

====================================================

<div id="modal">

<iframe id="buttonframe" name="myframe" src="https://seleniumhq.github.io">

<button>Click here</button>

</iframe>

</div>

//This won't work

driver.findElement(By.tagName("button")).click();

===========================================================

WebDriver offers three ways of switching to a frame.

Using a **WebElement**

Switching using a WebElement is the most flexible option. You can find the frame using your preferred selector and switch to it.

//switch To IFrame using Web Element

WebElement iframe = driver.findElement(By.id("iframe1"));

//Switch to the frame

driver.switchTo().frame(iframe);

assertEquals(true, driver.getPageSource().contains("We Leave From Here"));

//Now we can type text into email field

WebElement emailE= driver.findElement(By.id("email"));

emailE.sendKeys("admin@selenium.dev");

emailE.clear();

driver.switchTo().defaultContent();

===========================================================

Using a name or ID

If your frame or iframe has an id or name attribute, this can be used instead. If the name or ID is not unique on the page, then the first one found will be switched to.

//switch To IFrame using name or id

driver.findElement(By.name("iframe1-name"));

//Switch to the frame

driver.switchTo().frame(iframe);

assertEquals(true, driver.getPageSource().contains("We Leave From Here"));

WebElement email=driver.findElement(By.id("email"));

//Now we can type text into email field

email.sendKeys("admin@selenium.dev");

email.clear();

===========================================================

Using an index

It is also possible to use the index of the frame, such as can be queried using *window.frames* in JavaScript.

//switch To IFrame using index

driver.switchTo().frame(0);

===========================================================

Leaving a frame

To leave an iframe or frameset, switch back to the default content like so:

//leave frame

driver.switchTo().defaultContent();