**IFrame and Alerts**

Alerts:

@Test

**public** **void** f() {

WebDriverWait driverWait=**new** WebDriverWait(d, 3);

d.switchTo().frame("iframeResult");

d.findElement(By.*xpath*("//button[text()='Try it']")).click();

Alert a=d.switchTo().alert(); // switches to alert

System.*out*.println(a.getText()); // gets the text

a.accept();

d.switchTo().defaultContent(); // switches to default context

}

@BeforeMethod

**public** **void** beforeMethod() {

d=**new** FirefoxDriver();

d.get("http://www.w3schools.com/js/tryit.asp?filename=tryjs\_alert");

}

@AfterMethod

**public** **void** afterMethod() {

}

}

Iframes:

**What are the iframes ?**

These are Html documents that are embedded in the current embedded document

**Why they use it ?**

For example an advertisement window can be embedded in the HTML documents

This can be loaded with entirely loading the HTML document

**So what ? what we have to do in selenium code ?**

So if you try find any element which is inside the iframe it will not be able to find the element

So now we need to switch to iframe

**What are methoeds selenium is providing for this ?**

**d.switch().frame(int number)**

**-- what is this number ?**

This is the index number of the frame i.e base HTML window having the index -🡪0

Next one will be -🡪1 next one wiil be 🡪2

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| Frame 1 | |

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| | Frame 3 |

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| Frame 2 | |

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**Driver.switchto().frame(String name)**

* What is name here 🡪 it’s either the name/id attribute of the iframe for example you can see the below code

<iframe id="iframeResult" class="result\_output" frameborder="0" name="view"></iframe>

In the about tag you can use the iframeresult as it’s value of id attribute

Another way is

**Driver.switchto().frame(webelement element)**

Element is iframe element

After moving to anyframe afterward all the actions will be performed on the iframe itself so if i want to move back then i have to use

Driver.switchto().defaultcontext();