**Frames:**

Frames are like separate html pages embedded in html.

If you want to do any operations on any elements on the frame first you need to switch to the frame.

driver.switchto().frame(element) is used to switch to the frame.

If you are on a frame and want to perform actions on the elements on the parent, then you have to switch back again to the parent. You can use the following commands for that.

driver.switchTo().parentFrame();

driver.switchTo().defaultContent();

**package** Selenium;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.firefox.FirefoxDriver;

**public** **class** Frames1 {

**public** **static** **void** main(String[] args) **throws** InterruptedException {

System.*setProperty*("webdriver.gecko.driver", "C:\\BrowserDrivers\\geckodriver.exe");

WebDriver driver = **new** FirefoxDriver();

driver.get("file:///D:/Selenium%20Course/Java/index.html");

driver.switchTo().frame(driver.findElement(By.*name*("frame1")));

driver.findElement(By.*id*("frfirstname")).sendKeys("testing frames");

Thread.*sleep*(2000);

driver.findElement(By.*id*("frbutton1")).click();

Thread.*sleep*(2000);

driver.switchTo().alert().dismiss();

Thread.*sleep*(2000);

//driver.switchTo().parentFrame();

driver.switchTo().defaultContent();

driver.findElement(By.*id*("firstname")).sendKeys("Subbu");

Thread.*sleep*(2000);

driver.quit();

}

}