**Checking the visibility of an element:**

Use isDisplayed() method to check if the element is displayed or not. This method should be used only when the element is present in the code but not displayed. If we use this method to check if the element is not present at all then it returns an error.

To check if an element is not there at all use findElements().size() method. It will return the number of elements present. If the element is not there it will return zero.

**int** count = driver.findElements(By.*xpath*("//div[@id='myDIV']")).size();

System.***out***.println("No. of Elements: "+count);

Example:

**package** Selenium;

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

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

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

**public** **class** HiddenElement {

**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");

Thread.*sleep*(2000);

**boolean** visible = driver.findElement(By.*id*("hiddentext")).isDisplayed();

**if**(!visible) {

System.***out***.println("The element is hidden");

}

Thread.*sleep*(2000);

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

visible = driver.findElement(By.*id*("hiddentext")).isDisplayed();

**if**(visible) {

System.***out***.println("The element is visible now");

}

Thread.*sleep*(2000);

driver.quit();

}

}