# Cheat sheet Selenium Webdriver

**Calling Drivers**

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

public class SeleniumTest {

WebDriver driver = null;

public static void main(String[] args) {

System.setProperty("webdriver.gecko.driver",

"C:\\Selenium\\geckodriver.exe");

Webdriver driver = new FirefoxDriver();

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| --- | --- |
| 1. The primary basics  * *Activating the webdriver*   WebDriver driver = new FirefoxDriver();   * *Navigation to the website*   driver.get(theURL);   * *Closing the browser*   driver.close(); | 1. Finding Elements  * *ID*   driver.findElement(By.id());   * *Name*   driver.findElement(By.name());   * *Class name*   driver.findElement(By.className());   * *Link text*   driver.findElement(By.linkText());   * *Xpath*   driver.findElement(By.xpath());   * *CssSelector*   driver.findElement(By.cssSelector()); |
| 1. Action  * *Clicking an element*   myElement.click();   * *Filling in the field*   myElement.sendKeys(“string”); | 1. **Getting information**  * ***Page title***   **driver.getTitle();**   * ***The URL***   **driver.getCurrentUrl();**   * ***Text within an element***   **myElement.getText();** |

1. Handy extra links and information

* *Xpath*

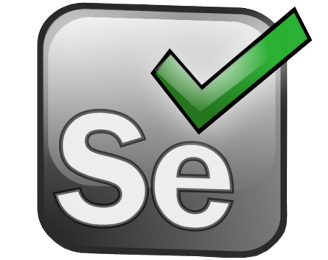
Xpath = //tagname[@attribute=”value”]

<https://www.guru99.com/xpath-selenium.html>

* *Xpath & CSS*

<https://saucelabs.com/resources/articles/selenium-tips-css-selectors>

* *Action*

<https://www.guru99.com/keyboard-mouse-events-files-webdriver.html>

