**IntelliJ shortcuts**

|  |  |
| --- | --- |
| Ctrl + click | Go to code/implementation |
| Alt + Enter | Generate code/solve issue |
| Ctrl + D | Duplicate line |
| Alt + Shift + cursor down/up | Move line up and down |
| Ctrl + Y | Delete complete line |
| Alt + F6 | Rename |
| Ctrl + Alt + L | Format code |
| Alt + drag mouse | Select text in block |
| Ctrl + / | Comment out/in row |

**CSS selectors**

|  |  |
| --- | --- |
| HTML | Selector |
| <div class="example\_name">  …  </div> | .example\_name |
| <div id="example\_name">  …  </div> | #example\_name |
| <div id="example\_name">  …  </div> | [id=’example\_name’] |
| <div attribute="value">  …  </div> | [attribute=’value’] |
| <div anything="example\_name">  …  </div> | [anything=’example\_name’] |
| <img title="example test abc">  …  </img> | [title~=’test’]  Contains the word |
| <a href="http://www.google.com">  …  </a> | [href^=’http’]  Starts with |
| <a href="http://www.google.com">  …  </a> | [href$=’.com’]  Ends with |
| <div class="example\_name">  <div class="example\_child">  …  </div>  </div> | .example\_name .example\_child  space |
| <div class="example\_name">  <div class="example\_child">  <div class="example\_deep">  …  </div>  </div>  </div> | .class\_name .child\_deep  space |
| <div class="example\_name" id="id1">  …  </div> | .class\_name#id1  (remark: if one html element has more attributes, you can combine them by putting them together without a space) |

Find elements:

browser.findElement(By.*cssSelector*("this is my selector, got from ccs selector helper"));

This returns a WebElement. On a web element you can perform most interactions:

browser.findElement(By.*cssSelector*("selectorString")).click();

or save first as WebElement;

WebElement myOwnGivenName = driver.findElement(By.*cssSelector*("selectorString"));

|  |  |
| --- | --- |
| myOwnGivenName.click() |  |
| myOwnGivenName.sendKeys("text to put in input field") |  |
| myOwnGivenName.clear() | To clear input field |
| myOwnGivenName.getText() | To get text from item |
| myOwnGivenName.getAttribute("value"); | Get text from input field (you need to use the term “value” here) |
| myOwnGivenName.isDisplayed() | Is true if WebElement is displayed |
| myOwnGivenName.findElement(By.*cssSelector*("selectorString")); | You can look into an existing element for a subelement. |

List<WebElement> myListOfElements = driver.findElements(By.*cssSelector*("selector that has more matching nodes"));

**for**(WebElement mySingleElement: myListOfElements){

**if**(mySingleElement.getText().equals("this text")){

mySingleElement.click();

**break**;

}

}

WebElement myIFrame = driver.findElement(By.*cssSelector*("selector of iframe"));

driver.switchTo().frame(myIFrame);

// and switch back  
driver.switchTo().defaultContent();

**import** org.openqa.selenium.Cookie;

Cookie myNiceCookieName = **new** Cookie("keyOfCookie", "valueOfCookie");  
driver.manage().addCookie(myNiceCookieName);