# Xpath Examples:

* / root
* // any where
* Abosolute Xpath (NOT RECOMMENDED)
  + Has performance issues, not reliable, can be changed in future (brittle)
  + //\*[@id=’headsearch’]/div/div[2]/table/tbody/tr/td[2]/input
* Finds anchor <a> that has **text** of ‘Features’
  + //a[text()='Features']
* Finds anchor <a> that has **contains** Text ‘Features’
  + //a[contains(text(),'Features']
  + //button[contains(text(),'Sign up')]
* Finds button using conditional ***and***
  + //button[@type='button' and @class='btn']
* Finds input by **attribute** using @
  + //input[@lightning-input\_input='search']

//a[contains(text(),'AccountContactRelations/view')]

//span[contains(text(),'Related Contacts')]

//lightning-icon/lightning-primitive-icon/svg

preceding-sibling::input[1]

//a[@title='New Contact']

//a[href='/lightning/r/0011b00000r3KojAAE/related/AccountContactRelations/view']

//a[contains(text(),'/related/AccountContactRelations/view')]

//a/div[@title='New Contact']

# Dynamic id Examples

Contains

* id = test-123
* xpath using contains Example:
  + //input[contains(@id,'test-')]

Starts-with

* id = test-343
* id = test-494
* xpath using start-with Example:
  + //input[starts-with(@id,'test\_')]

Ends-with

* id = 12230\_test-t
* id = 13\_test-t
* xpath using start-with Example:
  + //input[ends-with(@id,'\_test\_')]

# How to find number of a particular element on page

List <WebElement> linklist = driver.findElements(By.tagName(“a”));

System.out.println(linklist.size) // print number of anchors <a>

for (int i= 0 ; I < linklist.size; i++ )

{

String linkText = linklist.get(i).getText();

System.out.println(linkText) // print out text of each link.

}