# Selenium Note.

String concept

Find a xPath by Text function. Text()

Syntax: //HTML tag[text() =”value”] Example: a[text()='Forgot password?']

Find a Xpath by contains functions.

Syntax: //html tag[contains(text(), ‘value’)] Example: //a[contains(text()='Forgot password?')]

Find A Xpath by contains attributes.

Syntax: //htmltag[contains(@, ‘value’)] Example //a[contains(text(), 'Messenger')] : //a[contains(@, 'Messenger')]

//a[contains(@href, 'https://magento.softwaretestingboard.com/men/bottoms-men/pants-men.html')]

Find a Xpath by Start with function.

Syntax: //tagName[start-with(@attribute,’initialString’)]; Example : //h2[starts-with(@class,’module\_title’)]

**Syntax: Index function.**

//htmlTag[attribute=’value’]/tag[valule]

**Easy way to find elements without functions.**

//input[@type=’text’]

//button[@type=’submit’]

//a[@=’value;]

//a with see all the tags.

//h to see all the links

**How to shift the one window from another window.**

Driver.switchTo().window(“windowID)”;

TestNG

What are the annotations available in the TestNG.

Annotation is a metadata which provides data.

1. @Test annotation. (Aka methods)
2. @Before method + execute before every test.
3. @After Method. + execute After every test.
4. @Before Class. + execute before class.
5. @After Class. + Execute After Class.
6. @Before Group + Execute before group
7. @After Group + execute after group
8. @Before Suit + Execute after Suit
9. @After Suits + execute After suit.

A screenshot of a computer

Description automatically generated

TestNG topic.

How to return the test multiple times.

1. How to invocationCount = invocationCount to rerun the test multiple times.

**@Test(invocationCount =5)**

1. dependsOnMethods = dependsOnMethods will depend on TC. Run one after another.

**@Test( dependsOnMethods =5)**

1. How to group= groups = Groups the test cases like Smoke Test and regression test.

**@Test(groups ={“groupsName”})**

public class OneTest {

**@Test(invocationCount =5)**

public void CreateAcount() {

System.out.println("Create Acounts");

}

@Test(priority =3)

public void ModifyAcount() {

System.out.println("Modify accounts");