**XPath**

**Websites:**

1. <https://accounts.lambdatest.com/register/>
2. <http://demo.guru99.com/test/selenium-xpath.html>
3. <https://money.rediff.com/gainers/bse/daily/groupa>

***Absolute***

* W1: Find the width and height of ‘LAMBDATEST’ image located at top left corner of the lambda test page,

/html/body/div[1]/div[1]/div/div[1]/div/div[1]/img

* W2: Get the font size of header ‘Tutorials Library’ of the page,

//h1

* W3: Validate whether page header text is matching with ‘Rediff Moneywiz’,

/html/body/div[2]/div[1]/div[1]/a/span

***Relative***

Standard

* W1: Find the width and height of ‘LAMBDATEST’ image present at top left corner of the lambda test page,

//img[@alt='LambdaTest']

* W2: Enter sample userid value in ‘UserID’ text box,

//input[@name='uid']

* W3: Validate whether page header text is matching with ‘Rediff Moneywiz’,

//a[contains(@href, 'rediff.com')]/span

Contains

* W1: Enter your business email in the ‘Business Email’ textbox,

//input[contains(@placeholder, 'Business')]

* W2: Find all the elements that contains name attribute as ‘btn’,

//\*[contains(@name, 'btn')]

* W3: Get all the banks present in daily top gainers list,

//a[contains(text(), 'Bank')]

Or

* W1: Enter your business email in the ‘Business Email’ textbox,

//input[@name='email' or @id='email']

* W2: Click on login button,

//input[@type='submit' or @name='btnLogin']

* W3:

//a[contains(text(),'Bank') or contains(text(),'Pharma')]

And

* W1: Enter your business email in the ‘Business Email’ textbox,

//input[@name='email' and @id='email']

* W2: Click on login button

//input[@type='submit' and @name='btnLogin']

* W3: Enter company name you want to search in the search textbox,

//input[@name='srchword' and @id='srchword']

Starts With

* W1: Find total web elements present in the page which has text starting with ‘Sign up’,

//\*[starts-with(text(), 'Sign up')]

* W2: Print all the label messages displayed in the page,

//label[starts-with(@id, 'message')]

* W3: Click on Investment Tool present at the top of the page,

//a[starts-with(text(), 'Invest')]

Text

* W1: Click on ‘Sign up with Google’ link,

//span[text()= 'Sign up with Google']

* W2: Get the hypertext reference attribute link of ‘Demo Site’,

//a[text()='Demo Site']

* W3: Get all companies that has text as ‘Industries’ in their name,

//a[contains(text(), 'Industries')]

***Axes***

Child

* W1: Get the ‘Google’ logo image path,

//a[@data-amplitude='R\_google']//child::img

* W2: Get all the courses present under different modules,

//ul[@id='java\_technologies']//child::li

* W3: Get all the links present in the header section of the page,

//ul[@class='ul\_top\_tabs']//child::a

Parent

* W1: Get the parent div xpath of Microsoft logo image,

//img[@id='imgLoadMicrosoft']//parent::div

* W2: Find the location of ‘Demo Site’ logo in the page,

//a[text()='Demo Site']//parent::div

Following

* W1: Get all the image logos located after Microsoft logo,

//img[@id='imgLoadMicrosoft']//following::img

* W2: Get all the input tag elements present under ‘UserID’ textbox,

//\*[@type='text']//following::input

* W3: Print all the names of the footer links in the page,

(//tr[@valign='top'])[2]//following::td/a

Preceding

* W1: Get all the image logos located before Rubrik logo,

//img[@id='imgLoadRubrik']//preceding::img

* W2: Get all the input tag elements present before ‘Rest’ button

//\*[@type='reset']//preceding::input

Following Sibling

* W1: Get the text of ‘Sign up with google’

//div[@data-amplitude='R\_google']//following-sibling::\*

* W2: Get all the links present under Testing module

(//ul[@id='java\_technologies'])[1]//following-sibling::li

* Print all the footer headers in the page,

(//tr[@valign='top'])[1]//following-sibling::td/h4

Preceding Sibling

* W1: Get the src image of Google

//div[@data-amplitude='R\_google']//preceding-sibling::\*

* W2: Find the module name of ‘Tensor Flow’ is present,

//a[text()='TensorFlow']//ancestor::ul//preceding-sibling::h4

Ancestor

* W1: Get the questionnaire text of Sign In link,

//a[@data-amplitude='R\_signin']//ancestor::p

* W2: Select all the courses of the module where AWS is present.

//a[text()='AWS']//ancestor::ul//li

Descendant

* W1: Get all the textboxes present in the Signup form,

//div[@class='login\_part']//descendant::input

* W2: Get all the courses present in the ‘Testing’ module,

(//ul[@id='java\_technologies'])[1]//descendant::a