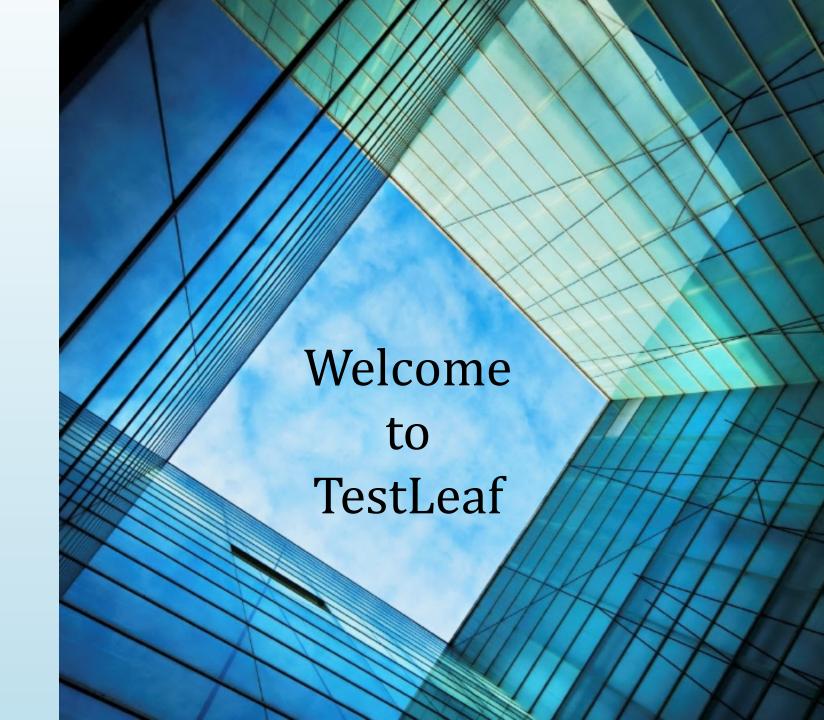
XPath Basics





WebTable - How does it look?

- · Multiple Floors
- · Multiple Houses per floor





- You need 2 inputs by minimum
 - · Which floor?
 - · Which house?

Assume if it is 4D

How will you locate a person in this apartment?





- You need to find the number of floors (rows)
- You need to find the number of houses (columns)
- Go to each house of the floor, house and find the number of the kids living within the house

Scenario: Find the count of kids in the apartment





- You will have to find him through his full address
- · Then climb to the 2nd floor
- · Go to the house, Find him

Absolute Path

Scenario: You are in Bangalore, your friend is in 2nd floor in Chennai apt?





You will directly go to the house in 2nd floor

Relative Path

Scenario: You are standing in second floor, your friend is in 2nd floor?



Absolute xpath:

/html/body/div[6]/footer/div/div/div[1]/div[1]/ul/li[1]/a

Absolute Xpath Signature



//<tagName>[@attributeName='value']

//a[@title='Go to Facebook Home']/i



Relative Xpath Signature



<div class="subheadText">

</div>

Updated hourly

//div[starts-with(@id, 'zgChart_ns_')]

Partial Xpath Signature



//h3[contains(text(), 'I want to learn about:')]

contains



```
//p[@id='grid']/..
                  //p[@id='grid']/parent::*
            (or)
▼ <body>
  V<a title="Selenium Components">
     Selenium IDE.
     Selenium RC.
     Selenium WebDriver.
     Selenium Grid.
   </a>
  </body>
```

Go to Parent



//p[@id='rc']/following::button

```
▼ <body>
 ▼ <a title="Selenium Components">
    Selenium IDE.
    Selenium RC.
    Selenium WebDriver.
    Selenium Grid.
  </a>
  <button>Click Me</button>
 </body>
```

Following



```
//p[@id='rc']/following-sibling::p[2]
```

```
▼ <body>
 ▼ <a title="Selenium Components">
    Selenium IDE.
    Selenium RC.
    Selenium WebDriver.
    Selenium Grid.
  </a>
  <button>Click Me</button>
 </body>
```

Following Sibling



```
//p[@id='rc']/preceding::input[1]
```

```
▼ <body>
  <h1>Automation Testing</h1>
   <input type="radio">
 ▼ <a title="Selenium Components">
    Selenium IDE.
    Selenium RC.
    Selenium WebDriver.
    Selenium Grid.
  </a>
  <button>Click Me</button>
 </body>
```

Preceding



```
//p[@id='rc']/preceding-sibling::p
```

```
▼ <body>
  <h1>Automation Testing</h1>
  <input type="radio">
 ▼ <a title="Selenium Components">
    Selenium IDE.
    Selenium RC.
    Selenium WebDriver.
    Selenium Grid.
  </a>
   <button>Click Me</button>
 </body>
```

Preceding Sibling



```
//p[@id='rc']/preceding-sibling::p
```

```
▼ <body>
  <h1>Automation Testing</h1>
  <input type="radio">
 ▼ <a title="Selenium Components">
    Selenium IDE.
    Selenium RC.
    Selenium WebDriver.
    Selenium Grid.
  </a>
   <button>Click Me</button>
 </body>
```

Preceding Sibling



```
(//p[@class='sc'])[2]
```

```
▼ <body>
  <h1>Automation Testing</h1>
  <input type="radio">
 ▼<a title="Selenium Components">
   Selenium IDE.
    Selenium RC.
   Selenium WebDriver.
   Selenium Grid.
  </a>
 </body>
```

Select from list of same locator

