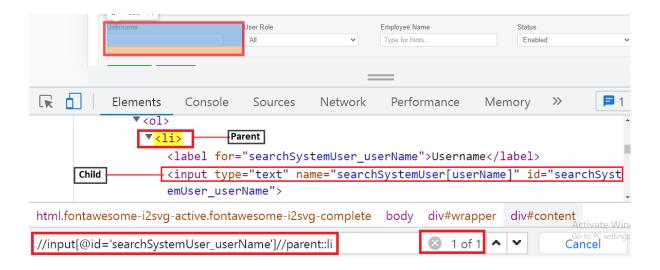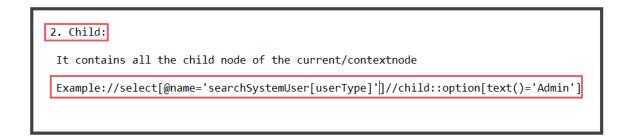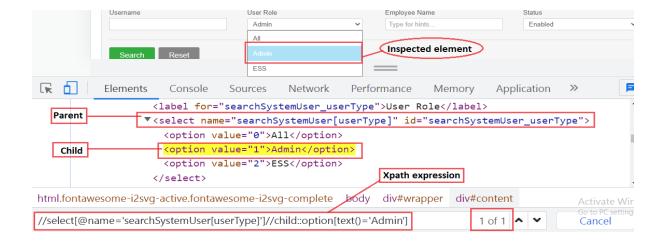Todays Topic:04-03-2022

XPath axes methods:

1. Parent:It contains only one parent of the current node

Example_1: //input[@id='searchSystemUser_userName']//parent::li

Example_2: //label[@for='searchSystemUser_userName']//parent::li

---

Username	User Role	Employee Name	Status
	All	Type for hints...	Enabled

Elements   Console   Sources   Network   Performance   Memory   >>   📄 1

```
▼<ol>
    ▼<li>                        ← Parent
        <label for="searchSystemUser_userName">Username</label>
        <input type="text" name="searchSystemUser[userName]" id="searchSyst    ← Child
        emUser_userName">
```

html.fontawesome-i2svg-active.fontawesome-i2svg-complete   body   div#wrapper   div#content

//input[@id='searchSystemUser_userName']//parent::li   ⊗ 1 of 1   ^ ⌄   Cancel

---

2. Child:

It contains all the child node of the current/contextnode

Example://select[@name='searchSystemUser[userType']]//child::option[text()='Admin']

Username	User Role	Employee Name	Status
	Admin	Type for hints...	Enabled
	All		
Search Reset	Admin	◯ Inspected element	
	ESS		

Elements   Console   Sources   Network   Performance   Memory   Application   >>   📄

```
        <label for="searchSystemUser_userType">User Role</label>
Parent  ▼<select name="searchSystemUser[userType]" id="searchSystemUser_userType">
            <option value="0">All</option>
Child       <option value="1">Admin</option>
            <option value="2">ESS</option>
        </select>
```
                                                        Xpath expression

html.fontawesome-i2svg-active.fontawesome-i2svg-complete   body   div#wrapper   div#content

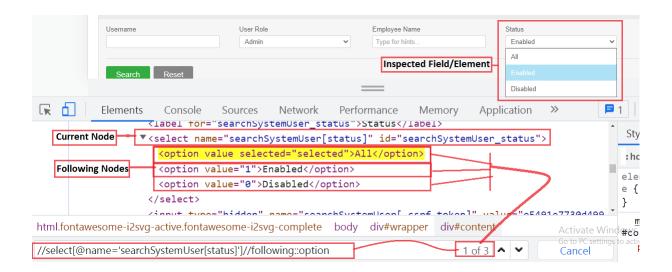//select[@name='searchSystemUser[userType]']//child::option[text()='Admin']   1 of 1   ^ ⌄   Cancel

3. Following:

Select all the node after the current/context node in the specific order
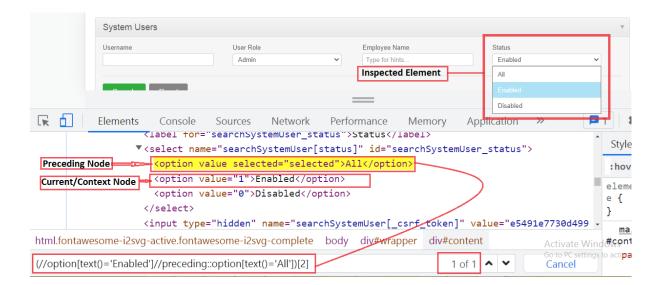
Example: //select[@name='searchSystemUser[status]']//following::option

4. Preceding:

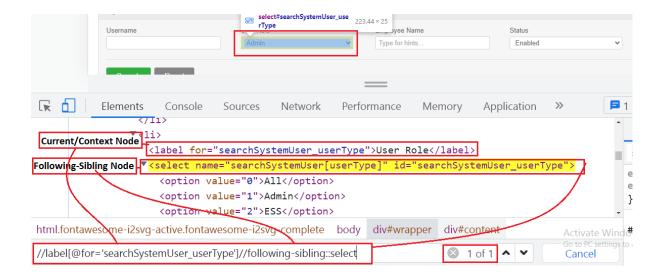Select all the node that comes before the current/context node

Example:(//option[text()='Enabled']//preceding::option[text()='All'])[2]

5. Following-sibling:

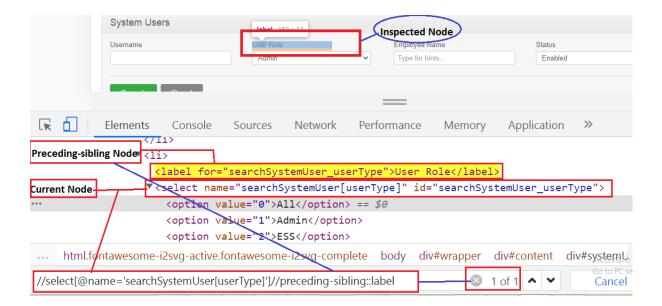It contains the next subsequest nodes sibling follwed by the root node

Example: //label[@for='searchSystemUser_userType']//following-sibling::select

6. Preceding-sibling:

It traversed by the current/context node to the previous sibling tag/node

Example: //select[@name='searchSystemUser[userType]']//preceding-sibling::label

```
7. Ancestor:

   This contains all the elements like grandparent, parents ancestor of the current/context node

   Example: //select[@name='searchSystemUser[userType]']//ancestor::div
```