SELENIUM

XPaths in Selenium

➤ Axes in XPaths : Axes refers to node on which elements are lying relative to an independent element.


```
<html>
  <head></head>
▼<body>
  ▼<div name="username">
      <label id="user">Username</label>
      <input id="username" type="text">
    </div>
... ▼<div name="password"> == $0
      <label id="pass">Password</label>
      <input id="password" type="password">
    </div>
  </body>
</html>
```

Reverse axis

Reference Element
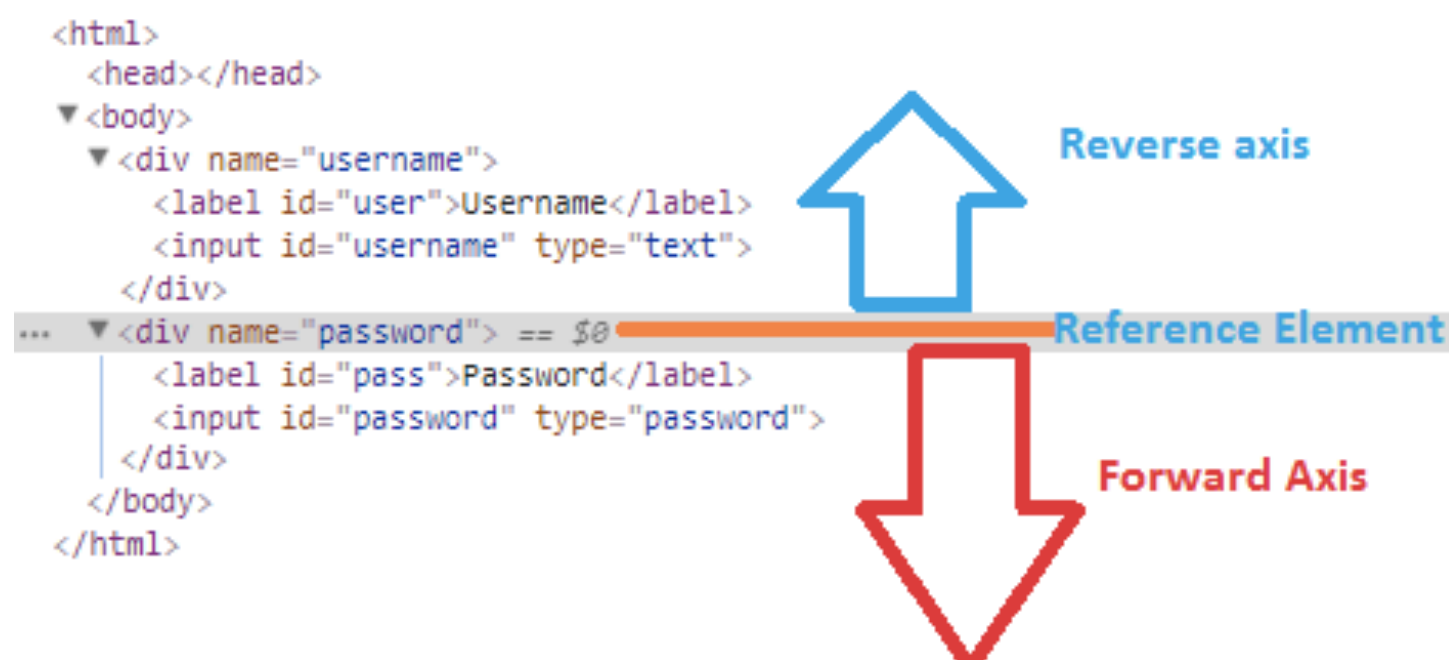
Forward Axis

➤ We could traverse in both forward and reverse directions.

➤ A double colon :: is used to separate the axis specifier from the node test.

➤ **Forward Axis:**

➤ Self : Select the Current Node

➤ attribute : Select All attribute of current Node

➤ Child : Select All children of Current Node

➤ descendant : Selects all descendants (children, grandchildren, etc.) of the current node.

➤ Descendant -or -self : Selects all descendants (children, grandchildren, etc.) of the current node and the current node itself

➤ Following-sibling : Selects all siblings after the current node

➤ Following : Selects everything in the document after the closing tag of the current node

➤ **Reverse Axis:**

➤ Parent : Selects the parent of the current node

➤ Ancestor : Selects all ancestors (parent, grandparent, etc.) of the current node.

➤ Ancestor -or -self : Selects all ancestors (parent, grandparent, etc.) of the current node and the current node itself

➤ Preceding-sibling : Selects all siblings before the current node.

➤ Preceding : Selects all nodes that appear before the current node in the document, except ancestors.

See you in next lecture …