



# SELENIUM

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*CSS Selector in Selenium*

## *Selenium: Selenium With Java Basics*

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- **CSS Selector** : Css selector is a path pattern that can use web element's attributes to locate a web element in the web page.
- **Syntax** : `HTMLTag[attribute = 'attribute value']`
- **Wild Card in CSS** : User can use wild card characters in css selector to find the element, `^`, `$`, `*` are wild card characters present in the css selector in selenium.
- **'^' means Starting Value is Fixed** :  
`HTMLTag[attribute^ = 'value']`
- **'\$' means Ending Value is Fixed** :  
`HTMLTag[attribute$ = 'value']`
- **'\*' means Middle Value is Fixed** :  
`HTMLTag[attribute* = 'value']`

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- **CSS Combinators** : Combinator explains the relationship between the css selectors.
- 4 CSS Combinators are in CSS Selector.
- **Descendant Selector** : Space is Descendant combinator.
- The descendant selector matches all elements that are descendants of a specified element.
- **Child Selector** : '>' is child Selector.
- The child selector selects all elements that are the immediate children of a specified element.

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- **Adjacent Sibling Selector** : '+' is used for adjacent sibling combinator.
- The adjacent sibling selector selects a element that is the adjacent siblings of a specified element. .
- **General Sibling Selector** : '~' is used for general sibling selector combinator.
- The general sibling selector selects all elements that are siblings of a specified element.

*Will see you in Next Lecture...*

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*Thank you!*

A close-up photograph of a hand holding a black marker, completing the cursive word 'Thank you!' on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker's tip is just finishing the exclamation mark. The background is a plain, light-colored surface.

*See you in next lecture ...*