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Handling HTML Drop-down, Multi-selection box, Bootstrap, JQuery and Auto-suggestive dropdown fields (Selenium 4 - Session 19)

Handling HTML Drop-down fields

- **Select** class is the predefined class in Selenium WebDriver and it has predefined methods for performing various operations on Drop-down fields
- We can use the below commands:
    - selectByVisibleText()
    - selectByIndex()
    - selectByValue()
    - deselectByVisibleText() - Not applicable for dropdown fields
    - deselectByIndex() - Not applicable for dropdown fields
    - deselectByValue() - Not applicable for dropdown fields
    - isMultiple()
    - getOptions()

Handling Multi-selection box (List Box) fields

- **Select** class is the predefined class in Selenium WebDriver and it has predefined methods for performing various operations on Multi-selection box fields
- We can use the below commands:
    - selectByVisibleText()
    - selectByIndex()
    - selectByValue()
    - deselectByVisibleText()
    - deselectByIndex()
    - deselectByValue()
    - deselectAll()
    - isMultiple()
    - getOptions()
    - getAllSelectedOptions()
    - getFirstSelectedOption()

Generic Function to handle HTML dropdown fields in Selenium

- Practical Demonstration - https://letcode.in/dropdowns

- W3Schools Bootstrap dropdown
- Practical Demonstration
  - hdfc netbanking
- Creating a Generic Method

Handling JQuery Drop-downs

- https://www.jqueryscript.net/demo/Drop-Down-Combo-Tree/

Handling Auto-suggestive Dropdowns

- We can type text into Auto-suggestive drop-down fields in-order to filter the drop-down results
- Demonstrating selecting an option from the Auto-Suggestive Dropdowns

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