Web Element Command

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Agenda

❖ Web Elements

❖ Define Variable

❖ Ways to apply command for element

❖ Element Command

Web Elements

- Textbox/ TextArea
- Dropdown
- Dropdown List
- Button
- Checkbox
- Radio Button
- Link
- Date Time Picker
- Menu
- Sub-menu
- Image
- Tooltip
- Spinner (loading icon)
- Table

Define Variable

- Define variable for an element:
  WebElement btnLogin = driver.findElement(By.id(""));

- Define variable for multiple elements:
  List <WebElement> checkboxes = driver.findElements(By.id(""))

Index	0	1	2	3	…	n
Value	Checkbox 1	Checkbox 2	Checkbox 3	Checkbox 4	…	Checkbox n+1

Ways to apply command for element

- Apply command without variable:
    ```
    driver.findElement(By.id("username")).click();
    ```

- Apply command with variable:
    ```
    WebElement txtUsrNm = driver.findElement(By.id("username"));
    Data type    variable    assign    value

    txtUsrNm.click();
    txtUsrNm.sendKeys("OPUSADM");
    txtUsrNm.clear();
    txtUsrNm.sendKeys("ALLEGRO");
    ```

Element Command

WebElement element = driver.findElement(By.id("abc"));

Action:
- element.click();
- element.sendKeys();
- element.clear();

Get Value:
- element.getAttribute("value");
- element.getCssValue("font-size");
- element.getText();

Validate:
- element.isDisplayed();
- element.isEnabled();
- element.isSelected();

Q/A?