

# Driver Methods / Browser Commands

## a. `get()`

Loads the specified URL in the current browser window and waits until the page is fully loaded.

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## b. `getCurrentURL()`

Returns the current webpage URL that the browser is displaying.

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## c. `getPageSource()`

Returns the complete HTML source code of the current webpage as a String.

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## d. `getTitle()`

Returns the title of the current webpage.

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## e. `close()` vs `quit()`

**`close()`** → Closes the current browser window only.

**`quit()`** → Closes **all** windows and ends the WebDriver session completely.

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## f. `getWindowHandle()`

Returns the unique ID (String) of the current browser window.

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## g. `getWindowHandles()`

Returns a Set of unique IDs of **all** open browser windows.

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## h. `navigate()`

Provides navigation methods (back, forward, refresh, to) to move within browser history.

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**i. switchTo()**

Switches the driver's focus to another window, frame, alert, or active element.

## **WebElement methods / commands**

**a. sendKeys()**

Enters the given input text into a textbox, textarea, or any editable field.

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**b. clear()**

Clears or removes existing text from an input field or textbox.

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**c. click()**

Performs a mouse left-click action on a button, link, checkbox, radio button, etc.

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**d. findElement()**

Finds and returns the **first matching** WebElement inside the current element's DOM.

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**e. findElements()**

Returns a **list of all matching** elements (zero or more) inside the current element's DOM.

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**f. getDomAttribute()**

Returns the value of the specified HTML attribute **as present in the DOM**, even if it changes dynamically.

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#### **g. getScreenshotAs()**

Takes a screenshot of the element and returns it as a file or Base64 encoded image.

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#### **h. getText()**

Returns the visible (inner) text of the element displayed on the webpage.

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#### **i. isDisplayed()**

Checks if an element is **visible** on the webpage and returns true/false.

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#### **j. isEnabled()**

Checks if an element is **enabled** (interactive) on the webpage.

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#### **k. isSelected()**

Checks whether a checkbox, radio button, or selectable option is currently selected.