Day 5: Special Functions in Automation

# Actions

The Actions class can be used to emulate complex user input when needed. Where WebElement can click things and enter text, Actions can be used to drag-and-drop, doubleclick, click-and-hold, and release a mouseclick.

The build() method can be used to compile multiple actions into a single set:

//Initialize the Actions generator

Actions builder = new Actions(driver);

//Set a series of commands

builder.keyDown(Keys.CONTROL).click(element1).click(element2).keyUp(Keys.CONTROL);

//Build the commands into an Action object

Action selectMultipleItems = builder.build();

//Use perform() to run the command

selectMultipleItems.perform();

In this example, we build a command to select two elements by clicking them while holding down the Control key.

# Exercise 4:

In this exercise, you will use the Actions class to perform some complex actions.

Step 1: Navigate to a Wikipedia page of your choosing.

Step 2: Highlight and "Copy" the first paragraph of text using the Actions class.

Tip: Use CTRL+C.

Step 3: Navigate to pastebin.com and paste the copied text there.

Step 4: Verify that the copied and pasted text match.