**Selenium Class**

# Chapter#12 – Handling Alerts in Selenium WebDriver

1. **Alert Methods**
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3. **Confirm Alert**
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In Selenium, an "alert" refers to a pop-up dialog box that appears on a web page. These pop-ups are often used to display messages, ask for user input, or provide alerts about certain events. Selenium provides a way to interact with these pop-ups using the Alert interface.

## Alert Methods

The Alert interface in Selenium WebDriver has methods to handle different operations on alerts, such as:

**accept():** Accepts the alert (clicks on the "OK" button or equivalent).

**dismiss():** Dismisses the alert (clicks on the "Cancel" button or equivalent).

**getText():** Retrieves the text from the alert.

**sendKeys(text):** Enters text into the alert (if it is a prompt-type alert that accepts input).

## Simple Alert

A "simple alert" in the context of web development and Selenium refers to a basic type of pop-up dialog box that appears on a web page. This type of alert typically contains a message and an "OK" button (or equivalent) for the user to acknowledge or accept the information presented in the alert.

**Here's a breakdown of the characteristics of a simple alert:**

Message: It contains a short message providing information, a warning, or some notification to the user.

Single Button (OK): It usually has only one button, commonly labeled "OK," which the user can click to acknowledge the information presented and close the alert.

## Confirm Alert

A "confirm alert" in the context of web development and Selenium refers to a type of pop-up dialog box that includes a message and two buttons: "OK" and "Cancel" (or equivalent). Unlike a simple alert, a confirm alert allows the user to make a choice between accepting or confirming the action or canceling it.

**Key characteristics of a confirm alert:**

Message: Like a simple alert, it contains a message providing information, a warning, or some notification to the user.

Two Buttons (OK and Cancel): It has two buttons, typically labeled "OK" and "Cancel." The user can choose to proceed with the action by clicking "OK" or cancel it by clicking "Cancel."

## Prompt Alert

A "prompt alert" in the context of web development and Selenium refers to a type of pop-up dialog box that includes a message, an input field for the user to enter text, and two buttons: "OK" and "Cancel" (or equivalent). This type of alert allows the user to provide input, and the entered text can be submitted or canceled based on the user's choice.

**Key characteristics of a prompt alert:**

Message: Similar to simple and confirm alerts, it contains a message providing information, a warning, or some notification to the user.

Input Field: It includes an input field where the user can enter text.

Two Buttons (OK and Cancel): It has two buttons, typically labeled "OK" and "Cancel." The user can choose to submit the entered text by clicking "OK" or cancel the operation by clicking "Cancel."