

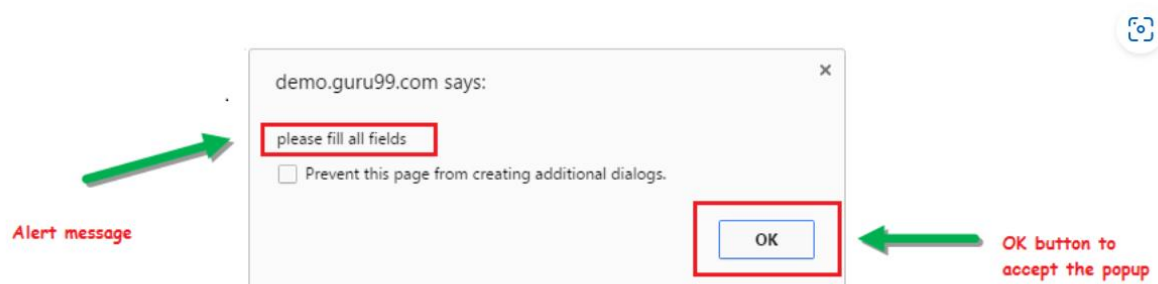
What is Alert in Selenium?

An **Alert in Selenium** is a small message box which appears on screen to give the user some information or notification. It notifies the user with some specific information or error, asks for permission to perform certain tasks and it also provides warning messages as well.

Types of Alerts in Selenium

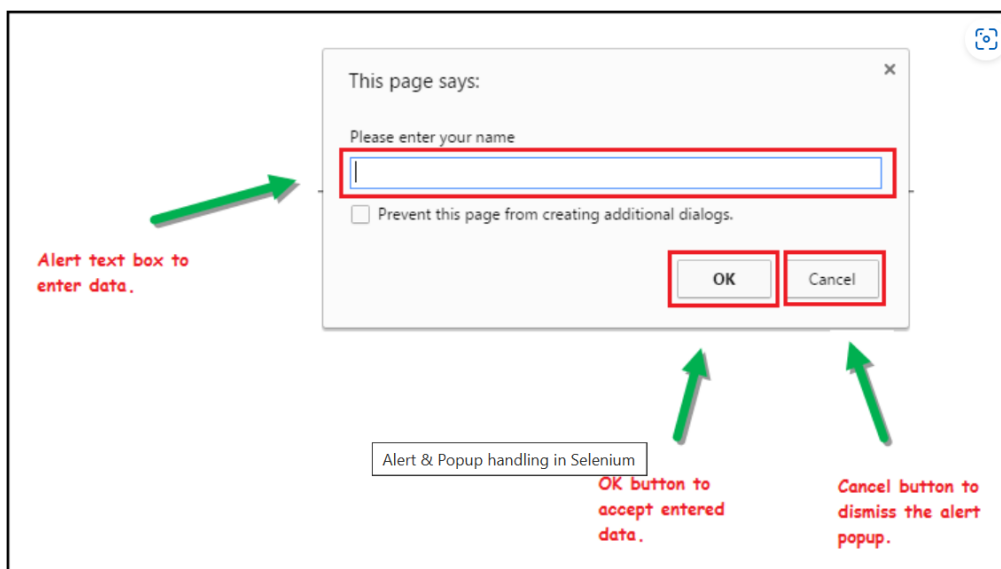
1) Simple Alert

The simple alert class in Selenium displays some information or warning on the screen.



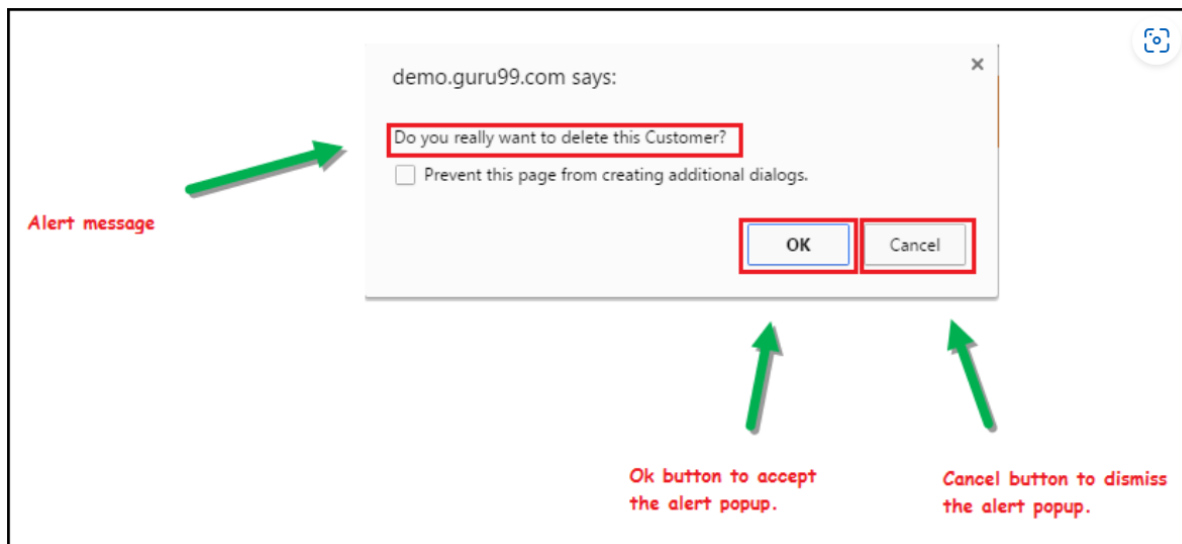
2) Prompt Alert

This Prompt Alert asks some input from the user and Selenium webdriver can enter the text using sendkeys(" input.... ").



3) Confirmation Alert

This confirmation alert asks permission to do some type of operation.



How to handle Alert in Selenium WebDriver

Alert interface provides the below few methods which are widely used in Selenium Webdriver.

1) **void dismiss()** // To click on the 'Cancel' button of the alert.

```
driver.switchTo().alert().dismiss();
```

2) **void accept()**// To click on the 'OK' button of the alert.

```
driver.switchTo().alert().accept();
```

3) **String getText()** // To capture the alert message.

```
driver.switchTo().alert().getText();
```

4) **void sendKeys(String stringToSend)** // To send some data to alert box.

```
driver.switchTo().alert().sendKeys("Text");
```

```

package practice;
import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
public class AlertDemo {
    public static void main(String[] args) throws InterruptedException {
        // WebDriverManager.chromedriver().setup();
        System.setProperty("webdriver.chrome.driver",
"D:\\chromedriver_win32\\New\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.hyrtutorials.com/p/alertsdemo.html");

        //Simple Alert
        driver.findElement(By.id("alertBox")).click();
        Alert simpleAlert = driver.switchTo().alert();
        System.out.println(simpleAlert.getText());
        simpleAlert.accept();

        //Confirmation Alert
        driver.findElement(By.id("confirmBox")).click();
        Alert conAlert = driver.switchTo().alert();
        System.out.println(conAlert.getText());
        conAlert.accept(); // to click on OK button
        // conAlert.dismiss();
        System.out.println(driver.findElement(By.id("output")).getText());

        //Prompt Alert
        driver.findElement(By.id("promptBox")).click();
        Alert promptAlert = driver.switchTo().alert();
        System.out.println(promptAlert.getText());
        promptAlert.sendKeys("Hello");
        promptAlert.accept();
        System.out.println(driver.findElement(By.id("output")).getText());
    }
}

```