

## Popups

Types of popup

- 1) Hidden Division
  - 2) Alert Division
  - 3) Child Browser
  - 4) Authentication
  - 5) File Upload
  - 6) File Download
- } Third party tool need to handle like AutoIt or robot class

Popup are small or separate window which will be displayed then we perform action on any component present in web page.

These popup can be handled by selenium directly but sometime we may need to use third part tools to handle that popups

### 1) Hidden Division

Properties:

- We can inspect element present in popup
- We cannot drag and drop these popup
- These popup are color full

### Program:

Link :- <https://www.flipkart.com/>

package Popup;

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
```

```
public class HiddenDiv {

    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "chromedriver");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.flipkart.com/");

        driver.findElement(By.xpath("//button[text()='×']")).click();
    }
}
```

### 2) Alert Popup

- We cannot inspect element present in popup
- We can drag and drop these popup
- It may contain Ok, Cancel, ? symbol, ! symbol or text

The diagram shows a login form with two input fields: 'Username' and 'Password', each followed by a text box. Below the 'Password' field is a blue 'Login' button. To the right of the login fields is a separate box labeled 'Message'. Inside the 'Message' box are two blue buttons: 'OK' and 'Cancel'. Two blue arrows point from the 'OK' and 'Cancel' buttons down towards the bottom of the page.

```
Alert alt = driver.switchTo.alert();
alt.accept(); => Ok button
alt.dismiss(); => Cancel button
```

```
String text = alt.getText();
System.out.println(text);
```

To handle alert popup first we need to switch selenium focus from main page to alert popup  
Alert is interface

**Program:**

Link1 :- <http://demo.automationtesting.in/Alerts.html>

Link2 :- <https://demoqa.com/alerts>

Link3 :- <https://mail.rediff.com/cgi-bin/login.cgi>

package Popup;

```
import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
```

```
public class AlertProg {
```

```
    public static void main(String[] args) throws Exception {
        System.setProperty("webdriver.chrome.driver", "chromedriver");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://mail.rediff.com/cgi-bin/login.cgi");

        driver.findElement(By.xpath("//input[@value='Sign in']")).click();
        Thread.sleep(5000);
        Alert a = driver.switchTo().alert();
        a.accept();

        Thread.sleep(5000);

        driver.close();
    }
```

```
}
```