

TEST SCRIPTS

// <Select> tag Dropdown

SYNTAX

```
Public class staticDropDown()  
{  
Public status void main(string[] args)  
{  
System.setProperty("webdriver.chrome.driver","C:\\\\chromedriver.exe");  
WebDriver driver=new ChromeDriver();  
driver.get("https://URL");  
WebElement staticDropDown =  
driver.findElement(By.id("ctl00_mainContent_DropDownListCurrency"));  
Select dropdown = new Select (staticDropDown);  
dropdown.selectByIndex(1);  
System.out.println("dropdown.getFirstSelectedOption().getText());  
dropdown.selectByVisibleText("INR");  
System.out.println("dropdown.getFirstSelectedOption().getText());  
dropdown.selectByValue("USD");  
System.out.println("dropdown.getFirstSelectedOption().getText());  
  
// We need to create object of that class in order to call methods of that class
```

EXAMPLE: CURRENCY DROPDOWN

```
Public class staticDropDown()  
{  
Public status void main(string[] args)  
{  
System.setProperty("webdriver.chrome.driver","C:\\\\chromedriver.exe");  
WebDriver driver=new ChromeDriver();  
driver.get("https://URL");
```

```

WebElement staticDropdown =
driver.findElement(By.id("ctl00_mainContent_DropDownListCurrency"));
Select dropdown = new Select (staticDropdown);
dropdown.selectByIndex(1);
System.out.println("dropdown.getFirstSelectedOption().getText());
dropdown.selectByVisibleText("INR");
System.out.println("dropdown.getFirstSelectedOption().getText());
dropdown.selectByValue("USD");
System.out.println("dropdown.getFirstSelectedOption().getText());

```

EXAMPLE: PASSENGERS

```

Public static void main(String[] args)
{
system.setProperty("Webdriver.chrome.driver","C:\\\\chrome.exe");
Webdriver driver= new Chromedriver;
driver.get("URL");
driver.findElement(By.id("divpaxinfo")).click();
Thread.sleep(2000);
Int i=1;
while(i<10)
{
driver.findElement(By.id("hrefIncAdt")).click();
i++;
}
driver.findElement(By.id("btnclosepaxoption")).click();
System.out.println(driver.findElement(By.id("divpaxinfo")).getText());
}

```

EXAMPLE: FROM & TO LOCATION

```

Public class Dropdown()
{
Public class static void main(String[] args)
{
system.setProperty( "webdriver.edge.driver","C:\\\\chrome.exe");
Webdriver driver= new EdgeDriver();

```

```
driver.get("URL");
```

```
driver.findElement(By.id("ctl00_mainContent_ddl_originStation1_CTXT")).click();
```

```
driver.findElement(By.xpath("//a[@value='GOI']")).click();
```

```
Thread.sleep(5000);
```

```
driver.findElement(By.xpath("//a[@value='BLR']")[2]).click();
```

```
driver.get("URL");
```

```
driver.findElement(By.id("ctl00_mainContent_ddl_originStation1_CTXT")).click();
```

```
driver.findElement(By.xpath("//div[@id='glscctl00_mainContent_ddl_originStation1_CTNR' //a[@value='JAI']]")).click();
```

```
Thread.sleep(5000);
```

```
driver.findElement(By.xpath("//div[@id='glscctl00_mainContent_ddl_destinationStation1_CTNR' //a[@value='PNQ']]")).click();
```

```
Public void suggestiveDropdown()
```

```
{
```

```
Public static void main(String[] args)
```

```
{
```

```
system.setProperty("webdriver.chrome.driver", "C://exe");
```

```
Webdriver driver = new ChromeDriver();
```

```
driver.get("URL");
```

```
driver.findElement(By.id("autosuggest")).sendKeys("can");
```

```
Thread.sleep(5000);
```

```
List <WebElement>
```

```
CountryOptions=driver.findElement(By.xpath("//li[@class='ui-menu-item']
```

```
//a[@class='ui-corner-all']"));
```

```
for(WebElement option: CountryOptions)
```

```
{
```

```
if(option.getText().equalsIgnoreCase("can");
```

```
{
```

```
option.click();
```

```
break;
```

```
}
```

```
}
```

```
}
```

CHECKBOX

```
Public void Checkbox()
{
Public static void main(String[] args)
{
system.SetProperty("webdriver.chrome.driver", "C://chrome.exe");
Webdriver driver=new ChromeDriver();
driver.get("URL");
driver.findElement(By.id("ctl00_mainContent_chk_friendsandfamily")).isSelected();

driver.findElement(By.id("ctl00_mainContent_chk_friendsandfamily")).click();
System.out.println(By.id("ctl00_mainContent_chk_friendsandfamily")).isSelected();

System.out.println(driver.findElements(By.id("ctl00_mainContent_chk_friendsandfamily"))
).size();
```

DATE PICKER- Current date

```
Public void datePicker()
{
Public static void main(String[] args)
{
system.SetProperty("webdriver.chrome.driver", "C:
//chrome.exe");
WebDriver driver = new ChromeDriver();
driver.get("URL");
driver.findElement(By.cssSelector(".ui-state-default.ui-stat
e-highlight")).click();
```

DISABLE - ENABLE DATE PICKER

Hint: Opacity 0.5/Opacity 1

```
Public void EnableDatePicker()  
{  
Public static void main(String[] args)  
{  
system.SetProperty("webdriver.chrome.driver","C:\\chrome.exe");  
Webdriver driver = new ChromeDriver();  
driver.get("URL");  
System.out.println(driver.findElement(By.id("Div1")).getAttribute("style"));  
driver.findElement(By.id("Div1")).click()  
system.out.println(driver.findElement(By.id("Div1")).getAttribute("style"));  
if(driver.findElement(By.id("Div1")).getAttribute("style").contains("0.5");  
{  
//Enabled  
Assert.assertTrue(True);  
}  
Else  
{  
//Disabled  
Assert.assertTrue(False);  
}
```

ALERT WINDOW

```
Public void alert()  
{  
Public static void main(String[] args)  
{  
system.SetProperty("webdriver.chrome.driver","C:  
//chrome.exe");  
Webdriver driver= new ChromeDriver();  
driver.get("URL");  
Driver.findElement(By.id("name")).sendKeys("Yukti Sinha");  
driver.findElement(By.id("alertbtn")).click();
```

```
system.out.println(driver.switchTo().alert().getText());
driver.switchTo().alert().accept();
driver.findElement(By.id("name")).sendKeys("Rakhi");
driver.findElement(By.id("confirmbtn")).click();
system.out.println(driver.switchTo().alert().getText());
driver.switchTo().alert().accept();
driver.switchTo().alert().dismiss();
```

Mouse Hover (TOOLTIP)

```
Public class Mouse Hover()
{
Public static void main(String[] args)
{
system.SetProperty("webdriver.chrome.driver","C:
\\chrome.exe");
Webdriver driver= new ChromeDriver();
driver.get("https://www.amazon.in/");
Actions a= new Actions(driver);
a.moveToElement(driver.findElement(By.id("nav-link-acc
ountList"))).build().perform();
```

UPPERCASE TEXT IN SEARCH BOX

```
a.moveToElement(driver.findElement(By.id("twotabsearchtextbox"))).click().keyDown(Keys
,SHIFT).sendKeys("SPEAKER PARTY MUSIC").build().perform();
```

CHILD WINDOW

```
Public class ChildWindow()
{
    Public static void main(String[] args)
    {
        system.SetProperty("webdriver.chrome.driver","C://chrome.exe";
        Webdriver driver= new Chrome Driver();
        driver.get("https://rahulshettyacademy.com/AutomationPractice/");
        driver.findElement(By.xpath("//[@class='blinkingText']")).click();
    }
}
```

DRAG & DROP

```
Public class Drop&Drag()
{
    Public static void main(String[] args)
    {
        System.setProperty("webdriver.chromer.driver","C://
        chrome.exe");
        Webdriver driver= new ChromeDriver();
        driver.get("https://jqueryui.com/droppable/");
        driver.switchTo().Frame(driver.findElement(By.xpath
        ("//iframe[@class='demo-frame']"));
        Actions a = new Actions(driver);
        WebElement source=driver.findElement(By.id("draggable"));
        WebElement destination=driver.findElement(By.id("droppable"));
        a.DragandDrop(source,destination).build().perform();

        // Back to normal screen
        driver.switchTo().defaultContent();

        // Count no of iframes
        driver.findElements(By.xpath("//iframe[@src='/resources/demos/droppable/default.html' ]
        ").size());
    }
}
```

IMPLICITLY WAIT

```
driver.manage().timeouts().implicitlyWait(5,TimeUnit.MINUTES);
```

EXPLICITLY WAIT

```
WebDriverWait w = new WebDriverWait(driver,5);  
w.until(ExpectedConditions.visibilityOfElementLocated(d  
river.findElement(By.id("draggable"))));
```
