

41. How to handle multiple windows/tabs?

- Selenium stays on one window
- If you open a window and then 5 tabs popped open, selenium is focused on the first window
- If you are on a new window and you tell selenium to print an element on the default window, it will still work even that user's focus is on the new window
- Must switch to new window
 - Use `windowHandle()`
 - `Driver.getWindowHandle()`
 - Everytime Selenium opens a browser, it's going to give an index ID for the page called Handles
 - Returns the handle/id of current page (as a string)
 - `driver.switchTo().window(string handle)`
 - `driver.getWindowHandles()` for multiple windows
 - Returns a Set of window handles
 - Switch using titles

```
for(string handle: driver.getWindowHandles()){
    driver.switchTo().Window(handle)
    if(driver.getTitle().equals(targetTitle){
        break;
    }
}
```

42. How to find all links in the page?

```
List<WebElement> list = driver.findElements(By.tagName("a"));
```

43. Difference between `isDisplayed()`, `isEnabled()`. And `isSelected()` method in selenium WebDriver?

- `isDisplayed()` → verify the presence of a web element within the web page. If found → true, If not found → false
- `isDisplayed()` → check for the presence of all kinds of web elements available
- `isEnabled()` → verify if the web element is enabled or disabled within the web page.
- `isEnabled()` → is primarily used with buttons
- `isSelected()` → verifies if the web element is selected or not
- `isSelected()` → used with radio buttons, dropdowns and checkboxes.

44. How to Drag And Drop ?

```
Actions action = new Actions(driver);
action.clickAndHold(driver.findElement(By.id("item")))
.moveToElement(driver.findElement(By.id("destination")))
.release().build()
.perform();
```

45. For Scroll down:

```
WebDriver driver = new ChromeDriver(); JavascriptExecutor jse = (JavascriptExecutor)driver;
jse.executeScript("window.scrollTo(0,250)", "");
```

- OR, we can do as follows:

```
jse.executeScript("scroll(0, 250);");
```

46. For Scroll up:

```
jse.executeScript("window.scrollTo(0,-250)", ""); OR, jse.executeScript("scroll(0,-250);");
```