**Challenges faced on Selenium work**

1. If element is under element: I need to type something in a box and that input box is appearing after clicking on the element. Element and input box are overlapped on UI and it is difficult to identify with eyes. We come to know once test get failed.
2. Verifying color of an element through . getCssValue("color"): If attribute is not properly while development then getCssValue(“color”) return black. So, I verified this with other attribute.
3. Element locator in mozila is case sensitive.
4. Wait Issue
5. Element locator change frequently: Sometimes worked with xpath wherever possible. Or raised flag to Dev team.
6. Frame Identification
7. Google/Facebook session issue with Google Connect in Sprinklr dashboard
8. Mozila version issue

**Exception in Selenium**

1) NoSuchElementException : FindBy method can’t find the element.

2) StaleElementRef1erenceException : This tells that element is no longer appearing on the DOM page.

3) TimeoutException: This tells that the execution is failed because the command did not complete in enough time.

4) ElementNotVisibleException: Thrown to indicate that although an element is present on the DOM, it is not visible, and so is not able to be interacted with

5) ElementNotSelectableException: Thrown to indicate that may be the element is disabled, and so is not able to select.

6) Invalid Selector Exception: Thrown when given selector is not valid.

Eg: driver.findElements(By.xpath("id('search\_results\_table')/x:tbody/x:tr"))

The given selector id('search\_results\_table')/x:tbody/x:tr is either invalid or does not result in a WebElement

**Confusing Questions**

How to decide if page is loaded?

Ans: document.readyState

How to handle AJAX applications?

How many implicit waits can we have?