**Selenium Automation Testing**

Selenium Definition

1.Tool to automate the browser

2.Selenium name came by (killing out mercury industry)

Locators

1.Locator types: id, name, className, tagName, css, xPath, linkText, PartialLinkText

Xpath

1.Types: (i)Absolute-Need to traverse from the root for eg,html/body/tag

(ii)Relative- can traverse the path directly for eg,//tag

2.while finding elements: dont use duplicate & dynamic values

Alert

1.couldnt do any actions if alert pops up and right click is also not possible.

2.Types: Simple Alert, Confirm Alert, Prompt Alert.

3.Simple Alert - Ok button only

Confirm Alert - Ok, Cancel button

Prompt Alert - Ok, Cancel Button with, Can send data with it.

4.Methods in alert : accept,dismiss,getText,sendkeys

5.without handling alert next step is not possible

6.if alert present and not handled = unhandled exception

if alert is not available = noAlertPresent Exception

7.