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Handling Mouse and Keyboard Events using Actions Class (Selenium 4 - Session 21)

- **Actions** is a predefined Class of Selenium WebDriver
- Actions class contain various predefined methods which can simulate Mouse and Keyboard Events
- The below are the different methods of Actions class which we can use in automation for handling Mouse and keyboard actions:
 - **moveToElement(), click(), perform() and build() methods**
 - Demonstrate moving the mouse to Blogs menu, followed by Selenium By Arun menu option and clicking it using mouse
 - Optimizing the above program using build().perform()
 - Don't huddle the mouse while handling the mouse actions using Actions class
 - **dragAndDropBy()**
 - Demonstrate dragging and dropping the startButton on a slider horizontal to the right
 - Demonstrate dragging and dropping the startButton horizontal to the left
 - Example - <http://omayo.blogspot.com/p/page3.html>
 - **contextClick()**
 - Demonstrate right clicking on Search Box field
 - <http://tutorialsninja.com/demo/>
 - **doubleClick()**
 - Demonstrate double clicking on double click text in the omayo blog - [Demonstrate here](#)
 - **clickAndHold(), moveToElement() and release()**
 - <http://dhtmlgoodies.com/scripts/drag-drop-custom/demo-drag-drop-3.html>
 - **dragAndDrop()**
 - Demonstrate dragging and dropping an element from a location to a different location
 - Application URL: <http://dhtmlgoodies.com/scripts/drag-drop-custom/demo-drag-drop-3.html>
 - **keyDown() and keyUp() methods**
 - **Keys** Class and its predefined methods
 - Demonstrating opening a link in new tab (Compendium Link on Omayo)
 - **Resizing using dragAndDropBy(element,width,height)**
 - <https://jqueryui.com/resizable/>
 - **JQuery Right Click Menu**
 - <https://jqueryui.com/contextMenu/demo.html>

