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| **Method** | **Description** |
| **clickAndHold()** | Clicks (without releasing) at the current mouse location. |
| **contextClick()** | Performs a context-click at the current mouse location. (Right Click Mouse Action) |
| **doubleClick()** | Performs a double-click at the current mouse location. |
| **dragAndDrop(source, target)** | Performs click-and-hold at the location of the source element, moves to the location of the target element, then releases the mouse.  **Parameters:**  source- element to emulate button down at.  target- element to move to and release the mouse at. |
| **dragAndDropBy(source, x-offset, y-offset)** | Performs click-and-hold at the location of the source element, moves by a given offset, then releases the mouse.  **Parameters**:  source- element to emulate button down at.  xOffset- horizontal move offset.  yOffset- vertical move offset. |
| **keyDown(modifier\_key)** | Performs a modifier key press. Does not release the modifier key – subsequent interactions may assume it’s kept pressed.  **Parameters**:  modifier\_key – any of the modifier keys (Keys.ALT, Keys.SHIFT, or Keys.CONTROL) |
| **keyUp(modifier \_key)** | Performs a key release.  **Parameters**:  modifier\_key – any of the modifier keys (Keys.ALT, Keys.SHIFT, or Keys.CONTROL) |
| **moveByOffset(x-offset, y-offset)** | Moves the mouse from its current position (or 0,0) by the given offset.  **Parameters**:  x-offset- horizontal offset. A negative value means moving the mouse left.  y-offset- vertical offset. A negative value means moving the mouse down. |
| **moveToElement(toElement)** | Moves the mouse to the middle of the element.  **Parameters**:  toElement- element to move to. |
| **release()** | Releases the depressed left mouse button at the current mouse location |
| **sendKeys(onElement, charsequence)** | Sends a series of keystrokes onto the element.  **Parameters**:  onElement – element that will receive the keystrokes, usually a text field  charsequence – any string value representing the sequence of keystrokes to be sent |

**Mouse Actions in Selenium:**

1. **doubleClick()**: Performs double click on the element
2. **clickAndHold()**: Performs long click on the mouse without releasing it
3. **dragAndDrop()**: Drags the element from one point and drops to another
4. **moveToElement()**: Shifts the mouse pointer to the center of the element
5. **contextClick()**: Performs right-click on the mouse

**Keyboard Actions in Selenium:**

1. **sendKeys()**: Sends a series of keys to the element
2. **keyUp()**: Performs key release
3. **keyDown()**: Performs keypress without release

Actions action = new Actions(driver);

action.moveToElement(element).click().perform();