**Click() Method Challenges.**

**1st Option – Action Class**

WebElement element = driver.findElement("yourElement");

Actions builder = new Actions(driver);

builder.moveToElement(element).click(element);

builder.perform();

**2nd Option – Explicit Wait**

By by = By.xpath("Xpth");

WebDriverWait w = new WebDriverWait(driver, timeout);

WebElement element = w.waitUntil(ExpectedConditions.elementToBeClickable(by);

element.click();

**3rd Option – Key board keys**

WebElement.sendKeys(Keys.ENTER);

**4th Option – Java Script Executor**

WebElement element = driver.findElement(By.id("something"));

JavascriptExecutor executor = (JavascriptExecutor)driver;

executor.executeScript("arguments[0].click();", element);

By loadingImage = By.id("loading image ID");

WebDriverWait wait = new WebDriverWait(driver, timeOutInSeconds);

wait.until(ExpectedConditions.invisibilityOfElementLocated(loadingImage));

**5th Option – Try catch logic**

int timeout=0;  
while(timeout<10)  
{ try {  
driver.findElement(By.xpath("Xpath of second item")).click();  
timeout=10;

}catch(Exception e){

driver.findElement(By.xpath("Xpath of first item")).click();

timeout=timeout+2;}  
}

**6th Option – Robot Class**

Robot robot = new Robot();

robot.keyPress(KeyEvent.VK\_ENTER);

robot.keyRelease(KeyEvent.VK\_ENTER);

**OR**

robot.mouseMove(630, 420);

robot.mousePress(InputEvent.BUTTON1\_DOWN\_MASK);

robot.mouseRelease(InputEvent.BUTTON1\_DOWN\_MASK);

**Page scroll**

**1st Option – Robot Class**

Robot robot = new Robot();

robot.keyPress(KeyEvent.VK\_DOWN);

robot.keyRelease(KeyEvent.VK\_DOWN);

OR

Robot robot = new Robot();

robot.keyPress(KeyEvent.VK\_PAGE\_DOWN);

robot.keyRelease(KeyEvent.VK\_PAGE\_DOWN);

**2nd Option – Java ScriptExecutor**

JavascriptExecutor jse = (JavascriptExecutor)driver;

jse.executeScript("arguments[0].scrollIntoView()", Webelement);

**or**

jse.executeScript("scroll(250, 0)"); // if the element is on top.

jse.executeScript("scroll(0, 250)"); // if the element is on bottom.

**Wait**

**1st Option**

Thread.sleep(10000);

**2nd Option**

driver.manage().timeouts().implicitlyWait(TimeOut, TimeUnit.SECONDS);

**3rd Option**

WebDriverWait wait = new WebDriverWait(driver, TimeSpan.FromSeconds(10));

IWebElement element = wait.Until(ExpectedConditions.ElementToBeClickable(By.Id("loginlink")));

**4th Option**

Robot robot = new Robot();

robot.delay(1500);