**Software required** :Eclipse, JDK and Selenium Jar files

**Driver required** : Edge Web driver

**Script** : JavaScript

**Task 16: Robot class API:**

**Step 1: Creating files:**

Open the eclipse and create a java project 🡪 Create Package under the project file 🡪 Create class file under the package. This step is common for all projects.

Importing the selenium jar files. Go to project file 🡪 right click on project file 🡪 select build path 🡪 library’s 🡪select class path 🡪 add external jars 🡪 select all selenium jar files 🡪 apply and close.

**Step 2: Launching the web driver:**

Download the preferred web driver and set the driver to launch the browser during execution of script. mention the driver location in string format in to the script to invoke web driver.

**Step 3: write the script for switching from one page to another page:**

Get one website by using get method. Write the code for automate the keyboard by using robot class method. refer below code for robot class.

**package** RobotClass;

**import** java.awt.AWTException;

**import** java.awt.Robot;

**import** java.awt.event.KeyEvent;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.edge.EdgeDriver;

**public** **class** RobotClassAPI {

**public** **static** **void** main(String[] args) **throws** AWTException, InterruptedException {

System.*setProperty*("webdriver.edge.driver", "C:\\Users\\keerthiraja.sp\\Downloads\\SeleniumJarFiles\\msedgedriver.exe");

WebDriver driver =**new** EdgeDriver();

driver.manage().window().maximize();

driver.get("https://spteadsheetpage.com/index.php/site/file/yearly\_calender\_workbook");

driver.findElement(By.*xpath*("/html/body/div/selection/div/div[1]/ul/li[3]/a")).click();

Robot robot= **new** Robot();

Thread.*sleep*(2000);

/\*Down arrow

\* 3 time tab

\* enter\*/

robot.keyPress(KeyEvent.***VK\_DOWN***);// press down arrow

Thread.*sleep*(2000);

robot.keyPress(KeyEvent.***VK\_TAB***);// press TAB Button

Thread.*sleep*(2000);

robot.keyPress(KeyEvent.***VK\_TAB***);

Thread.*sleep*(2000);

robot.keyPress(KeyEvent.***VK\_TAB***);

Thread.*sleep*(2000);

robot.keyPress(KeyEvent.***VK\_ENTER***);//press Enter Button

Thread.*sleep*(2000);

}

}