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

**Driver required** : Edge Web driver

**Script** : JavaScript

**Task 2: Counting the no of links within a page:**

**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 to invoke web driver.

**Step 3: write the script for Counting the no of links within a page:**

Write the code for handle the cookies from the given website. There are some methods is there. i) get the cookies from the browser. ii) Get cookies by using named method. iii) Add cookies by using add new cookies method. iv) Delete specific cookies by using delete cookie method. v) delete all cookies by using delete all cookies method. refer the below code for handle the cookies.

**package** CookiesHandling;

**import** java.util.Set;

**import** org.openqa.selenium.Cookie;

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

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

**public** **class** cookiesTest {

**public** **static** **void** main(String[] args) {

System.*setProperty*("webdriver.edge.driver", "C:\\Users\\keerthiraja.sp\\Downloads\\edgedriver\_win64\\msedgedriver.exe");

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

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

driver.get("https://demo.automationtesting.in/Register.html");

//get cookies method:

Set<Cookie> cookies=driver.manage().getCookies(); // capture all the cookies from the browser

System.*out*.println("Size of cookies : "+cookies.size()); // print size of cookies

**for**(Cookie cookie:cookies){ // Read and print all the cookies

System.*out*.println(cookie.getName()+" : "+ cookie.getValue());// Print name and value of the cookies

}

//get cookie named method:

System.*out*.println(driver.manage().getCookieNamed("\_\_gpi : UID"));// it will print specific cookie according to name

//add new cookies by using add cookie method:

Cookie cobj = **new** Cookie("mycookie","1234567890");

driver.manage().addCookie(cobj); // add new cookie to the browser

cookies=driver.manage().getCookies();

System.*out*.println("Size of cookies : "+cookies.size()); // print size of cookies

**for**(Cookie cookie:cookies){ // Read and print all the cookies

System.*out*.println(cookie.getName()+" : "+ cookie.getValue());// Print name and value of the cookies

}

// Delete specific cookie by using delete cookie method:

driver.manage().deleteCookie(cobj);

cookies=driver.manage().getCookies();

**for**(Cookie cookie:cookies){ // Read and print all the cookies

System.*out*.println(cookie.getName()+" : "+ cookie.getValue());// Print name and value of the cookies

}

// Delete all the cookies by using delete all cookies method:

driver.manage().deleteAllCookies();

cookies=driver.manage().getCookies();

System.*out*.println("Size of cookies : "+cookies.size());

driver.close();

}

}

**Output:**

