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

**Driver required** : Edge Web driver

**Script** : JavaScript

**Task 11: Handle web table:**

**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 handling web table:**

Get one demo website to handle web table by using get method. Write the code for handling web table and retrieve the data from rows and column. Display the excel data on the console. refer below code to handle web table.

**package** UsingOfWebElements;

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

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

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

**public** **class** WebTableHandle {

**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://cosmocode.io/automation-practice-webtable/");

**int** numofrow=driver.findElements(By.*xpath*("/html/body/div[2]/div/div[1]/main/article/div/div/table/tbody/tr")).size();

System.*out*.println("Number of Rows : "+numofrow);

**int** tableData=driver.findElements(By.*xpath*("/html/body/div[2]/div/div[1]/main/article/div/div/table/tbody/tr/td")).size();

System.*out*.println("Number of Data : "+tableData);

**for** (**int** i = 2; i <= numofrow; i++) {

**for** (**int** j = 2; j <= 5; j++) {

System.*out*.print(driver.findElement(By.*xpath*("/html/body/div[2]/div/div[1]/main/article/div/div/table/tbody/tr["+i+"]/td["+j+"]")).getText()+" ");

}

System.*out*.println();

}

}

}

**Output:**

