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

**Driver required** : Edge Web driver

**Script** : JavaScript

**Task 6: Drag and drop using Actions class:**

**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 drag and drop by using action class:**

Get one demo website to perform Drag and drop using Actions class by using get method. Write the code for action class to perform action of drag and drop. Tack the drag element address and drop element address and store separate variable. the address of two elements is given to the action class to perform drag and drop action. refer below code to perform action.

package SeleniumTasks;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.edge.EdgeDriver;

import org.openqa.selenium.interactions.Actions;

public class DragAndDrop {

public static void main(String[] args) {

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

WebDriver driver =new EdgeDriver();

//step for maximize browser window

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

driver.get("http://demo.guru99.com/test/drag\_drop.html");

//Using Action class for drag and drop.

Actions act=new Actions(driver);

//Element which needs to drag.

WebElement From=driver.findElement(By.xpath("//\*[@id='credit2']/a"));

//Element on which need to drop.

WebElement To=driver.findElement(By.xpath("//\*[@id='bank']/li"));

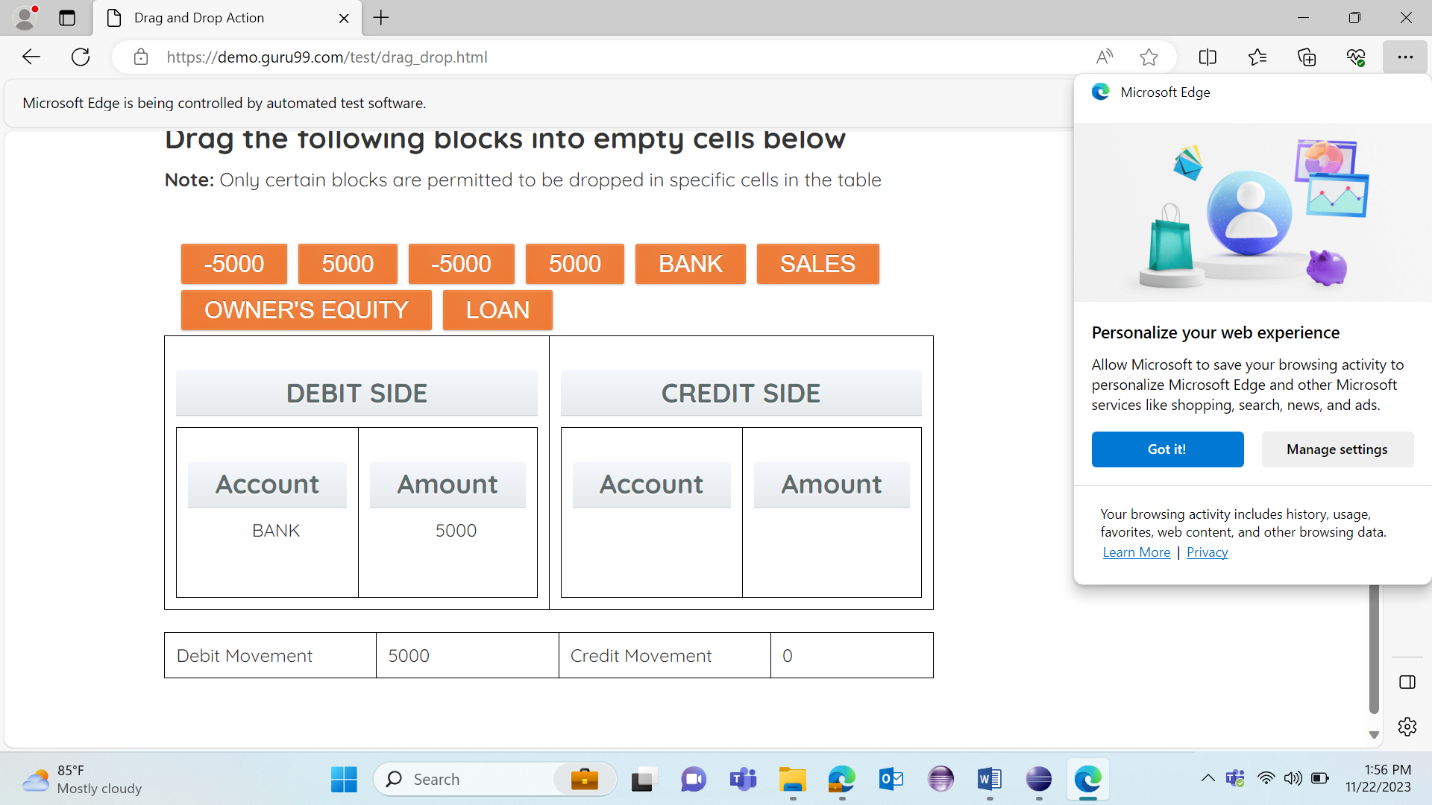
//Dragged and dropped.

act.dragAndDrop(From, To).build().perform();

}

}

**Output:**

****