**SOFTWARE TESTING USING SELENIUM**

**CA-2**

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**CODE:**

package com.selenium.testNG1;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.edge.EdgeDriver;

import org.testng.AssertJUnit;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class NewTest2 {

@Test

public void f()throws InterruptedException {

WebDriverManager.chromedriver().setup();

WebDriver driver;

ChromeOptions co = new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

driver=new ChromeDriver(co);

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

driver.get("https://www.trivago.in/");

Thread.sleep(2000);

String actualTitle="trivago.in - Compare hotel prices worldwide";

String extractedTitle=driver.getTitle();

AssertJUnit.assertEquals(actualTitle, extractedTitle);

System.out.println("Page title is Validated.");

Thread.sleep(2000);

WebElement location=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/div[1]/section/div[2]/div[3]/div/div[1]/div/form/div"));

location.click();

Thread.sleep(2000);

WebElement ben=driver.findElement(By.xpath("//\*[@id=\"suggestion-list\"]/ul/li[1]/div/div"));

ben.click();

Thread.sleep(2000);

WebElement cin=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/div[1]/section/div[2]/div[3]/div/div[2]/div/div/div/div[2]/div/div[1]/div[2]/button[2]/time"));

cin.click();

Thread.sleep(2000);

// WebElement coutcol=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/div[1]/section/div[2]/div[3]/div/div[1]/fieldset/button[2]/span"));

// coutcol.click();

WebElement cout=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/div[1]/section/div[2]/div[3]/div/div[2]/div/div/div/div[2]/div/div[1]/div[2]/button[7]/time"));

cout.click();

Thread.sleep(2000);

WebElement inc=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/div[1]/section/div[2]/div[3]/div/div[2]/div/div/div[1]/div/div[1]/div[1]/div/button[2]/span/span[1]"));

inc.click();

inc.click();

inc.click();

Thread.sleep(2000);

WebElement pet=driver.findElement(By.id("checkbox-13"));

pet.click();

Thread.sleep(3000);

WebElement apply=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/div[1]/section/div[2]/div[3]/div/div[2]/div/div/div[2]/div/button[2]"));

apply.click();

Thread.sleep(3000);

if(driver.getTitle().equals("Bengaluru (Pet friendly) Hotels | Find & compare great deals on trivago")) {

System.out.println("1.Verified that the user can enter the location of stay.");

System.out.println("2.Verified that the user can select the check-in and check-out date.");

System.out.println("3.Verified that the user can enter the no of rooms based on their preference.");

}

}

}

**OUTPUT:**

