**CIA-2**

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package cia2;

import org.openqa.selenium.By;

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.support.ui.Select;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Q2 {

@Test

public static void f() throws InterruptedException

{

WebDriverManager.chromedriver().setup();

WebDriver driver;

ChromeOptions co = new ChromeOptions();

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

driver = new ChromeDriver(co);

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

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

WebElement location=driver.findElement(By.xpath("//\*[@id=\"input-auto-complete\"]"));

location.click();

WebElement option=driver.findElement(By.xpath("//\*[@id=\"suggestion-list\"]/ul/li[2]/div/div"));

option.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[6]/time"));

cin.click();

Thread.sleep(2000);

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[12]/time"));

cout.click();

Thread.sleep(2000);

WebElement guest=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]"));

guest.click();

Thread.sleep(2000);

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

pet.click();

Thread.sleep(2000);

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(30000);

WebElement hotel=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/main/div[2]/div[2]/div/div/div/div[2]/div/ul/li[2]/div/label"));

hotel.click();

Thread.sleep(2000);

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

rating.click();

Select se=new Select(rating);

se.selectByIndex(0);

Thread.sleep(2000);

WebElement filter=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/main/div[2]/div[2]/div/div/div/div[5]/div/button"));

filter.click();

WebElement name=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/main/div[5]/section/div/div/ol/li[1]/div/article/div[2]/div[1]/section/h2/button/span"));

System.out.println("Name of the first product : "+name);

WebElement sort=driver.findElement(By.xpath("//\*[@id=\"sorting-selector\"]"));

sort.click();

Select s=new Select(sort);

s.selectByIndex(4);

Thread.sleep(2000);

WebElement name1=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/main/div[5]/section/div/div/ol/li[1]/div/article/div[2]/div[1]/section/h2/button/span"));

Thread.sleep(2000);

WebElement price1=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/main/div[5]/section/div/div/ol/li[1]/div/article/div[2]/div[2]/div[1]/div/div[2]/div[1]/div/p"));

System.out.println("Name and Price of the product : "+name1+" "+price1);

WebElement stays=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/main/div[5]/div[3]/div/div[2]/div[1]/div/div[2]/div[2]/div/div/div[1]/span[2]/strong"));

System.out.println("Stays : "+stays);

WebElement sites=driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/main/div[5]/div[3]/div/div[2]/div[1]/div/div[2]/div[2]/div/div/div[2]/span[2]/strong"));

System.out.println("Booking sites : "+sites);

List<WebElement> li = driver.findElements(By.xpath("//\*[@class=\"a-size-medium a-color-base a-text-normal\"]"));

for(WebElement l:li)

System.out.println(l.getText()+" ");

WebElement viewdeal =driver.findElement(By.xpath("//\*[@id=\"\_\_next\"]/div[1]/main/div[5]/section/div/div/ol/li[1]/div/article/div[2]/div[2]/div[1]/div/div[2]/div[2]/button"));

viewdeal.click();

WebElement priceofhostel=driver.findElement(By.xpath("//\*[@id=\"Layer\_1\"]/g[2]/polygon"));

priceofhostel.click();

WebElement name2=driver.findElement(By.xpath("//\*[@id=\"topOfPage\"]/div[6]/div[2]/div/room-rate-list/room-rate-item[1]/div/div/div/div[2]/div/div[2]/div[1]/app-rate-price/div/div[3]/span"));

System.out.println(name2.getText());

WebElement fil=driver.findElement(By.xpath("//\*[@id=\"topOfPage\"]/div[6]/div[2]/div/room-rate-list/room-rate-item[1]/div/div/div/div[2]/div/div[2]/div[2]/button"));

fil.click();

WebElement select=driver.findElement(By.xpath("//\*[@id=\"topOfPage\"]/div[6]/div[2]/div/room-rate-list/room-rate-item[1]/div/app-cash-free-rates-drawer/div/div[1]/app-rate-card[1]/div/div[2]/div[2]/app-select-button/button"));

select.click();

driver.get("https://www.holidayinn.com/hotels/us/en/pay/payment");

}

}









