**CIA-2**

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**Question 1**

**Code:**

package porm.test.demo;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager; import org.testng.annotations.BeforeClass;

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.testng.annotations.AfterClass;

public class CA2Q1 {

WebDriver driver;

*@Test*

public void f() {

String currentTitle=driver.getTitle();

String expectedTitle="trivago.in - Compare hotel prices worldwide"; System.***out***.println(currentTitle);

if(currentTitle.equals(expectedTitle)) { System.***out***.println("Title Matched");

}

else {

}

System.***out***.println("Title not Matched");

}

*@Test*

public void Q1() throws InterruptedException { Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\"input-auto-complete\"]")).click(); Thread.*sleep*(3000);

WebElement txtBox1=driver.findElement(By.*xpath*("//\*[@id=\"input-auto-complete\"]")); txtBox1.sendKeys("Munnar");

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\"input-auto-complete\"]")).sendKeys(*Keys*.***ENTER***); Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div[1]/main/div[3]/div[2]/div/div[3]/div/div/form/fieldset/div/ div[1]/button")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div[1]/main/div[3]/div[2]/div/div[3]/div/div/form/div[4]/div/di v/div[2]/div/div[2]/div[2]/ul/li[1]/label")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div[1]/main/div[3]/div[2]/div/div[3]/div/div/form/div[4]/div/di v/div[2]/div/div[2]/div[2]/ul/li[3]/label")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div[1]/div[1]/section/div[2]/div[2]/div/div[1]/button[3]/span")

).click();

Thread.*sleep*(3000); driver.findElement(By.*xpath*("//\*[@id=\"checkbox-22\"]")).click(); Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\"overlay-root\"]/div/section/footer/div/div/div/button[2]")).click(); Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div[1]/div[1]/section/div[2]/div[2]/div/button")).click(); Thread.*sleep*(3000);

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

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[2]/div[2]/div/div/div/div[3]/div/button/sp an/span[2]")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[2]/div[2]/div/div/div/div[3]/div/button/sp an/span[1]")).click();

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[2]/div[2]/div/div/div/div[5]/div/button")).c lick();

}

*@Test*

public void Q2() throws InterruptedException { Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\"sorting-selector\"]")).click(); Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\"sorting-selector\"]/option[3]")).click(); Thread.*sleep*(3000);

String

txt1=driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[3]/div[1]/div/div[3]/div/div/ol/li/div/a rticle/div[2]/div[1]/section/h2/button/span")).getText();

System.***out***.println(txt1); Thread.*sleep*(3000);

String

txt2=driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[3]/div[1]/div/div[3]/div/div/ol/li/div/a rticle/div[2]/div[2]/div[1]/div/div[3]/div[1]/div/p")).getText();

System.***out***.println(txt2); Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\"sorting-selector\"]")).click(); Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//\*[@id=\"sorting-selector\"]/option[6]")).click(); Thread.*sleep*(3000);

String

txt3=driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[3]/div[1]/div/div[3]/div/div/ol/li/div/a rticle/div[2]/div[1]/section/h2/button/span")).getText();

System.***out***.println(txt3); Thread.*sleep*(3000);

String

txt4=driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[3]/div[1]/div/div[3]/div/div/ol/li/div/a rticle/div[2]/div[2]/div[1]/div/div[3]/div[1]/div/p")).getText();

System.***out***.println(txt4);

String

txt5=driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[3]/div[1]/div/div[2]/div[1]/div[2]/div[ 2]/div/div/div[1]/span[2]/strong")).getText();

System.***out***.println("Stay Found : " + txt5); Thread.*sleep*(3000);

String

txt6=driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[3]/div[1]/div/div[3]/div/div/ol/li/div/a rticle/div[2]/div[2]/div[1]/div/div[3]/div[1]/div/p")).getText();

System.***out***.println("Booking site Searched : "+txt6);

}

*@Test*

public void Q3() throws InterruptedException {

String txt1=driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[3]/div/div/div/div/div

/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

System.***out***.println(txt1);

String txt2=driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[4]/div/div/div/div/div

/div/div/div[2]/div/div/div[1]/h2/a/span")).getText();

System.***out***.println(txt2);

String txt3=driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[5]/div/div/div/div/div

/div[2]/div/div/div[1]/h2/a/span")).getText();

System.***out***.println(txt3);

String txt4=driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[6]/div/div/div/div/div

/div[2]/div/div/div[1]/h2/a/span")).getText();

System.***out***.println(txt4);

String txt5=driver.findElement(By.*xpath*("//\*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[7]/div/div/div/div/div

/div[2]/div/div/div[1]/h2/a/span")).getText();

System.***out***.println(txt5);

driver.findElement(By.*xpath*("//\*[@id=\"sorting-selector\"]/option[3]")).click();

String

currentprice=driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[3]/div[1]/div/div[3]/div/div/ ol/li/div/article/div[2]/div[2]/div[1]/div/div[3]/div[1]/div/p")).getText();

String expectedprice="trivago.in - Compare hotel prices worldwide"; System.***out***.println(currentprice); if(currentprice.equals(expectedprice)) {

System.***out***.println("price Matched");

}

else {

}

System.***out***.println("price not Matched");

driver.findElement(By.*xpath*("//\*[@id=\" next\"]/div/div[1]/main/div[3]/div[1]/div/div[3]/div/div/ol/li/div/article

/div[2]/div[2]/div[1]/div/div[3]/div[2]/button/span/span[1]")).click();

driver.findElement(By.*xpath*("//\*[@id=\"contentContainer\"]/div[3]/ol/li[1]/div[2]/a/div/div[2]/div")).click(); driver.findElement(By.*xpath*("//\*[@id=\"hotelNavBar\"]/div/ul/li[2]/button/span")).click();

driver.findElement(By.*xpath*("//\*[@id=\"ChildRoom-Ch8I2vnABhACIA4ojuUhMARAAUoJN0QxTl8xMDBQ UJgFEgIIARoGEAIoBDAB\"]/div/div[4]/div[2]/div/div[1]/button/div")).click();

WebElement txtBoxl=driver.findElement(By.*xpath*("//\*[@id=\"Fullname\"]")); txtBoxl.sendKeys("Shanmugam");

}

*@BeforeClass*

public void beforeClass() {

ChromeOptions co = new ChromeOptions(); co.addArguments("--remote-allow-origins=\*"); WebDriverManager.*chromedriver*().setup(); driver = new ChromeDriver(co); driver.get("https://[www.trivago.in/](http://www.trivago.in/)"); driver.manage().window().maximize();

}

*@AfterClass*

public void afterClass() {

// driver.close();

}

}

**Output:**

