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| 1)  **CODE:**  package com.test1.testing;  import org.openqa.selenium.By;  import org.openqa.selenium.WebDriver;  import org.openqa.selenium.chrome.ChromeDriver;  import org.openqa.selenium.chrome.ChromeOptions;  import org.testng.annotations.Test;  import io.github.bonigarcia.wdm.WebDriverManager;  public class CIA\_2\_1 {  WebDriver driver;            @Test  public void f() throws InterruptedException{  ChromeOptions co=new ChromeOptions();  co.addArguments("--remote-allow-origins=\*");  WebDriverManager.chromedriver().setup();  WebDriver driver=new ChromeDriver(co);  driver.get("https://www.trivago.in/");  driver.manage().window().maximize();  String currtitle=driver.getTitle();  System.out.println(currtitle);  driver.findElement(By.xpath("//\*[@id=\"input-auto-complete\"]")).click();  Thread.sleep(3000);  driver.findElement(By.xpath("//\*[@id=\"suggestion-list\"]/ul/li[1]/div/div")).click();  Thread.sleep(3000);  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[24]/time")).click();  Thread.sleep(3000);  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[26]/time")).click();  Thread.sleep(3000);  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]")).click();  Thread.sleep(3000);  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[3]/div/button[2]")).click();  Thread.sleep(3000);  driver.findElement(By.xpath("/html/body/div[1]/div[1]/div[1]/section/div[2]/div[3]/div/div[2]/div/div/div[1]/div/div[2]/div[2]/input")).click();  Thread.sleep(3000);  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]")).click();    }    }  **OUTPUT:**    2)  public class CA2 {  @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:**    3)  **CODE:**  package com.test1.testing;  import org.openqa.selenium.By;  import org.openqa.selenium.WebDriver;  import org.openqa.selenium.chrome.ChromeDriver;  import org.openqa.selenium.chrome.ChromeOptions;  import org.testng.annotations.Test;  import io.github.bonigarcia.wdm.WebDriverManager;  public class main {  WebDriver driver;    @Test  public void f() throws InterruptedException{  ChromeOptions co=new ChromeOptions();  co.addArguments("--remote-allow-origins=\*");  WebDriverManager.chromedriver().setup();  WebDriver driver=new ChromeDriver(co);  driver.get("https://www.trivago.in/");  driver.manage().window().maximize();  String currtitle=driver.getTitle();  System.out.println(currtitle);  driver.findElement(By.xpath("//\*[@id=\"input-auto-complete\"]")).click();  Thread.sleep(3000);  driver.findElement(By.xpath("//\*[@id=\"suggestion-list\"]/ul/li[1]/div/div")).click();  Thread.sleep(3000);  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[24]/time")).click();  Thread.sleep(3000);  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[26]/time")).click();  Thread.sleep(3000);  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]")).click();  Thread.sleep(3000);  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[3]/div/button[2]")).click();  Thread.sleep(3000);  driver.findElement(By.xpath("/html/body/div[1]/div[1]/div[1]/section/div[2]/div[3]/div/div[2]/div/div/div[1]/div/div[2]/div[2]/input")).click();  Thread.sleep(3000);  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]")).click();    }    }  **OUTPUT:** |