

CIA-2
727721EUIT174 [VASANTH M]

QUESTION 1:

```
package com.demo.test;

import org.testng.annotations.Test;

import com.aventstack.extentreports.ExtentReports;
import com.aventstack.extentreports.ExtentTest;
import com.aventstack.extentreports.Status;
import com.aventstack.extentreports.reporter.ExtentHtmlReporter;
import com.aventstack.extentreports.reporter.configuration.ChartLocation;
import com.aventstack.extentreports.reporter.configuration.Theme;

import io.github.bonigarcia.wdm.WebDriverManager;

import org.testng.annotations.BeforeMethod;
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.ITestResult;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.AfterTest;

public class CIA_2
{
    static ExtentTest test;
    static ExtentReports extent;
    ExtentHtmlReporter htmlReporter;

    @BeforeMethod
    public void startReport()
    {
        //ExtentSparkReporter htmlReporter = new ExtentSparkReporter("extentReport.html");
        //htmlReporter = new ExtentHtmlReporter(System.getProperty("user.dir")+"/test-output/
extentReport.html");
        htmlReporter = new ExtentHtmlReporter("/Users/vasanth/Desktop/cia2.html");
        extent = new ExtentReports();
        extent.attachReporter(htmlReporter);

        //configuration items to change the look and feel
        //add content, manage tests etc
        htmlReporter.config().setChartVisibilityOnOpen(true);
        htmlReporter.config().setDocumentTitle("Simple Automation Report");
        htmlReporter.config().setReportName("Test Report");
        htmlReporter.config().setTestViewChartLocation(ChartLocation.TOP);
        htmlReporter.config().setTheme(Theme.STANDARD);
        // htmlReporter.config().setTimeStampFormat("EEEE, MMMM dd, yyyy, hh:mm a ('zzz')");
    }

    @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(5000);
        String actualtitle=driver.getTitle();
        System.out.println(actualtitle);
        String expectedtitle="trivago.in - Compare hotel prices worldwide";
        if(actualtitle.contentEquals(expectedtitle))
        {
            System.out.println("Title Valid");
        }
        else
        {
            System.out.println("Title Invalid");
        }
        Thread.sleep(2000);
        driver.findElement(By.xpath("//*[@id=\"input-auto-complete\"]")).click();
        Thread.sleep(2000);
        driver.findElement(By.xpath("//*[@id=\"suggestion-list\"]/ul/li[1]/div/div")).click();
        Thread.sleep(2000);
        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(2000);
        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(2000);
        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(2000);
        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(2000);
        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(2000);
        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();
        Thread.sleep(33000);

        driver.findElement(By.xpath("//*[@id=\"__next\"]/div[1]/main/div[2]/div[2]/div/div/div[2]/div/ul/li[2]/div/label")).click();
        Thread.sleep(2000);
        WebElement dropdownElement = driver.findElement(By.xpath("//*[@id=\"__next\"]/div[1]/main/div[2]/div[1]/div/div/div[3]/div/button/span/span[2]"));
        Select dropdown = new Select(dropdownElement);
        dropdown.selectByValue("Excellent");
        WebElement dropdownEle = driver.findElement(By.xpath("//*[@id=\"__next\"]/div[1]/main/div[2]/div[1]/div/div/div/div[5]/div/button/span/span[2]"));
        Select drop = new Select(dropdownEle);
        drop.selectByValue("Free breakfast");
        Thread.sleep(2000);
        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();
    }

```

@AfterMethod

```

public void getResult(ITestResult result)
{
    if(result.getStatus() == ITestResult.FAILURE)
    {
        test.log(Status.FAIL,result.getThrowable());
    }
    else if(result.getStatus() == ITestResult.SUCCESS)
    {
        test.log(Status.PASS, result.getTestName());
    }
    else
    {

```

```

        test.log(Status.SKIP, result.getTestName());
    }
}
@AfterTest
public void tearDown() {
    //to write or update test information to reporter
    extent.flush();
}
}
}

```

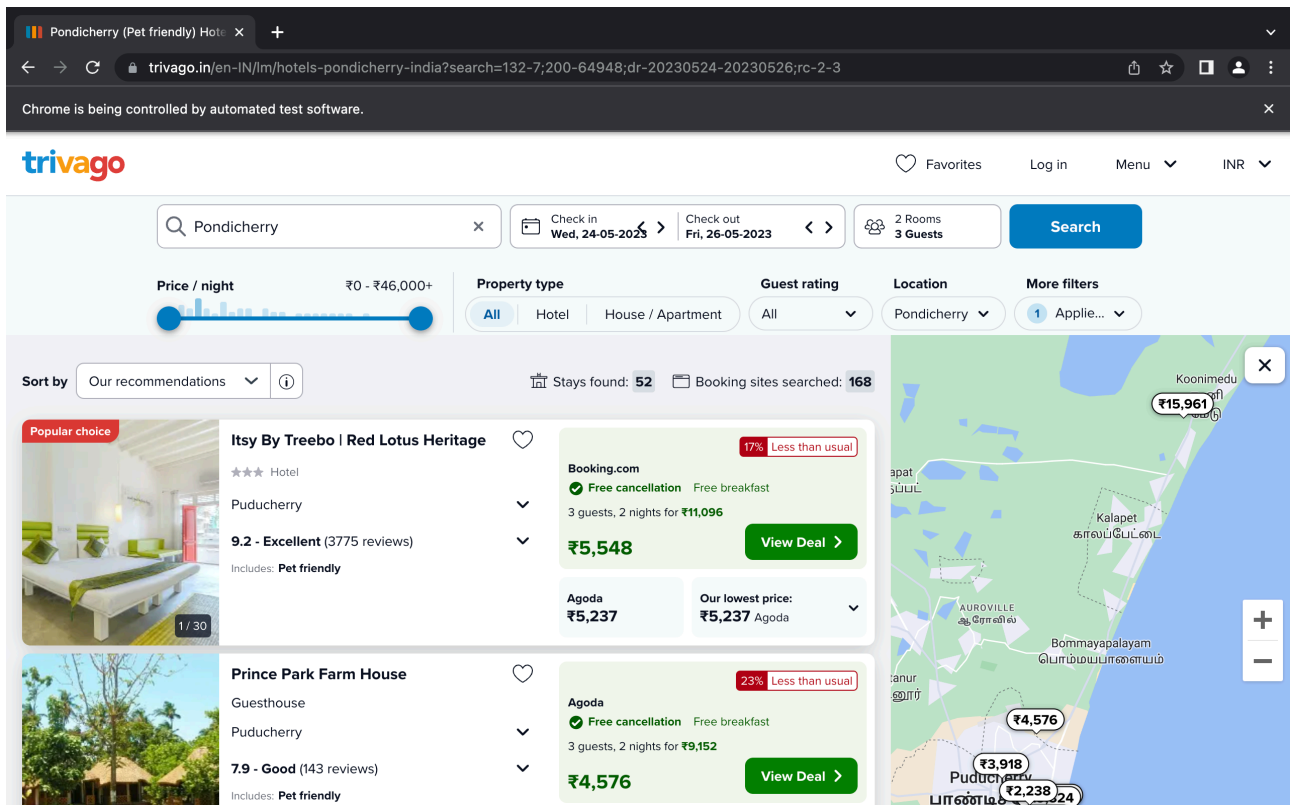
```

Console x Results of running class CIA_2
<terminated> CIA_2 [TestNG] /Users/vasanth.p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.macosx.x86_64_17.0.6.v20230204-1729/jre/bin/java (24-Apr-2023, 12:32:56 pm - 12:34:08 pm) [pid: 94382]
ChromeDriver was started successfully.
Apr 24, 2023 12:33:09 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
trivago.in - Compare hotel prices worldwide
Title Valid
PASSED: com.demo.test.CIA_2.f

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====

```



QUESTION 2:

```
package com.demo.test;

import org.testng.annotations.Test;

import com.aventstack.extentreports.ExtentReports;
import com.aventstack.extentreports.ExtentTest;
import com.aventstack.extentreports.Status;
import com.aventstack.extentreports.reporter.ExtentHtmlReporter;
import com.aventstack.extentreports.reporter.configuration.ChartLocation;
import com.aventstack.extentreports.reporter.configuration.Theme;

import io.github.bonigarcia.wdm.WebDriverManager;

import org.testng.annotations.BeforeMethod;
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.ITestResult;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.AfterTest;

public class CIA_2
{
    static ExtentTest test;
    static ExtentReports extent;
    ExtentHtmlReporter htmlReporter;

    @BeforeMethod
    public void startReport()
    {
        //ExtentSparkReporter htmlReporter = new ExtentSparkReporter("extentReport.html");
        //htmlReporter = new ExtentHtmlReporter(System.getProperty("user.dir")+"/test-output/
extentReport.html");
        htmlReporter = new ExtentHtmlReporter("/Users/vasanth/Desktop/cia2.html");
        extent = new ExtentReports();
        extent.attachReporter(htmlReporter);

        //configuration items to change the look and feel
        //add content, manage tests etc
        htmlReporter.config().setChartVisibilityOnOpen(true);
        htmlReporter.config().setDocumentTitle("Simple Automation Report");
        htmlReporter.config().setReportName("Test Report");
        htmlReporter.config().setTestViewChartLocation(ChartLocation.TOP);
        htmlReporter.config().setTheme(Theme.STANDARD);
        // htmlReporter.config().setTimeStampFormat("EEEE, MMMM dd, yyyy, hh:mm a ('zzz')");
    }

    @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(5000);
        String actualtitle=driver.getTitle();
        System.out.println(actualtitle);
        String expectedtitle="trivago.in - Compare hotel prices worldwide";
    }
}
```

```

        if(actualtitle.contentEquals(expectedtitle))
        {
            System.out.println("Title Valid");
        }
        else
        {
            System.out.println("Title Invalid");
        }
        Thread.sleep(2000);
        driver.findElement(By.xpath("//*[@id=\"input-auto-complete\"]")).click();
        Thread.sleep(2000);
        driver.findElement(By.xpath("//*[@id=\"suggestion-list\"]/ul/li[1]/div/div")).click();
        Thread.sleep(2000);
        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(2000);
        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(2000);
        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(2000);
        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(2000);
        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(2000);
        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();
        Thread.sleep(33000);

        driver.findElement(By.xpath("//*[@id=\"__next\"]/div[1]/main/div[2]/div[2]/div/div/div/div[2]/div/ul/li[2]/div/
label")).click();
        Thread.sleep(2000);
        WebElement dropdownElement = driver.findElement(By.xpath("//*[@id=\"__next\"]/div[1]/main/div[2]/
div[1]/div/div/div/div[3]/div/button/span/span[2]"));
        Select dropdown = new Select(dropdownElement);
        dropdown.selectByValue("Excellent");
        WebElement dropdownEle = driver.findElement(By.xpath("//*[@id=\"__next\"]/div[1]/main/div[2]/div[1]/div/
div/div/div[5]/div/button/span/span[2]"));
        Select drop = new Select(dropdownEle);
        drop.selectByValue("Free breakfast");
        Thread.sleep(2000);
        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();
    }
    @Test

    public void Q2() throws InterruptedException {

        WebDriverManager.chromedriver().setup();
        WebDriver driver;
        ChromeOptions co = new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        driver=new ChromeDriver(co);
        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/article/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/article/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/article/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/article/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[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/article/div[2]/div[2]/div[1]/div/div[3]/div[1]/div/p")).getText();
        System.out.println("Booking site Searched : "+txt6);
    }
}

```

@AfterMethod

```

public void getResult(ITestResult result)
{
    if(result.getStatus() == ITestResult.FAILURE)
    {
        test.log(Status.FAIL,result.getThrowable());
    }
    else if(result.getStatus() == ITestResult.SUCCESS)
    {
        test.log(Status.PASS, result.getTestName());
    }
    else
    {
        test.log(Status.SKIP, result.getTestName());
    }
}

```

@AfterTest

```

public void tearDown() {
    //to write or update test information to reporter
    extent.flush();
}

```

}

}

QUESTION 3:

```
package com.demo.test;

import org.testng.annotations.Test;

import com.aventstack.extentreports.ExtentReports;
import com.aventstack.extentreports.ExtentTest;
import com.aventstack.extentreports.Status;
import com.aventstack.extentreports.reporter.ExtentHtmlReporter;
import com.aventstack.extentreports.reporter.configuration.ChartLocation;
import com.aventstack.extentreports.reporter.configuration.Theme;

import io.github.bonigarcia.wdm.WebDriverManager;

import org.testng.annotations.BeforeMethod;
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.ITestResult;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.AfterTest;

public class CIA_2
{
    static ExtentTest test;
    static ExtentReports extent;
    ExtentHtmlReporter htmlReporter;

    @BeforeMethod
    public void startReport()
    {
        //ExtentSparkReporter htmlReporter = new ExtentSparkReporter("extentReport.html");
        //htmlReporter = new ExtentHtmlReporter(System.getProperty("user.dir")+"/test-output/
extentReport.html");
        htmlReporter = new ExtentHtmlReporter("/Users/vasanth/Desktop/cia2.html");
        extent = new ExtentReports();
        extent.attachReporter(htmlReporter);

        //configuration items to change the look and feel
        //add content, manage tests etc
        htmlReporter.config().setChartVisibilityOnOpen(true);
        htmlReporter.config().setDocumentTitle("Simple Automation Report");
        htmlReporter.config().setReportName("Test Report");
        htmlReporter.config().setTestViewChartLocation(ChartLocation.TOP);
        htmlReporter.config().setTheme(Theme.STANDARD);
        // htmlReporter.config().setTimeStampFormat("EEEE, MMMM dd, yyyy, hh:mm a ('zzz)");
    }

    @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(5000);
        String actualtitle=driver.getTitle();
        System.out.println(actualtitle);
        String expectedtitle="trivago.in - Compare hotel prices worldwide";
    }
}
```

```

        if(actualtitle.contentEquals(expectedtitle))
        {
            System.out.println("Title Valid");
        }
        else
        {
            System.out.println("Title Invalid");
        }
        Thread.sleep(2000);
        driver.findElement(By.xpath("//*[@id=\"input-auto-complete\"]")).click();
        Thread.sleep(2000);
        driver.findElement(By.xpath("//*[@id=\"suggestion-list\"]/ul/li[1]/div/div")).click();
        Thread.sleep(2000);
        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(2000);
        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(2000);
        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(2000);
        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(2000);
        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(2000);
        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();
        Thread.sleep(33000);

        driver.findElement(By.xpath("//*[@id=\"__next\"]/div[1]/main/div[2]/div[2]/div/div/div[2]/div/ul/li[2]/div/label")).click();
        Thread.sleep(2000);
        WebElement dropdownElement = driver.findElement(By.xpath("//*[@id=\"__next\"]/div[1]/main/div[2]/div[1]/div/div/div/div[3]/div/button/span/span[2]"));
        Select dropdown = new Select(dropdownElement);
        dropdown.selectByValue("Excellent");
        WebElement dropdownEle = driver.findElement(By.xpath("//*[@id=\"__next\"]/div[1]/main/div[2]/div[1]/div/div/div/div[5]/div/button/span/span[2]"));
        Select drop = new Select(dropdownEle);
        drop.selectByValue("Free breakfast");
        Thread.sleep(2000);
        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();
    }
    @Test

    public void Q2() throws InterruptedException {

        WebDriverManager.chromedriver().setup();
        WebDriver driver;
        ChromeOptions co = new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        driver=new ChromeDriver(co);
        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/article/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/article/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/article/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/article/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[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/article/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
{

```

```

    WebDriverManager.chromedriver().setup();
    WebDriver driver;
    ChromeOptions co = new ChromeOptions();
    co.addArguments("--remote-allow-origins=*");
    driver=new ChromeDriver(co);
    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[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-Ch8l2vnABhACIA4ojuUhMARAAUoJN0QxTI8xMDBQUJgFEgIIARoGEAlBDAB\"]/div/div[4]/div[2]/div/div[1]/button/div")).click();
        WebElement txtBoxl=driver.findElement(By.xpath("//*[@id=\"FullName\"]"));
        txtBoxl.sendKeys("Vasanth");
    }

    @AfterMethod
    public void getResult(ITestResult result)
    {
        if(result.getStatus() == ITestResult.FAILURE)
        {
            test.log(Status.FAIL,result.getThrowable());
        }
        else if(result.getStatus() == ITestResult.SUCCESS)
        {
            test.log(Status.PASS, result.getTestName());
        }
        else
        {
            test.log(Status.SKIP, result.getTestName());
        }
    }
    @AfterTest
    public void tearDown() {
        //to write or update test information to reporter
        extent.flush();
    }
}

```

The screenshot displays the Trivago website interface. At the top, the Trivago logo is on the left, and navigation links for Favorites, Log in, Menu, and INR are on the right. The main heading is "Deals from your favorite bookings sites." with a subtext "Try searching for a city, a specific hotel, or even a landmark!". Below this, there are tabs for "All stays", "Hotel", and "House / Apartment". A search bar contains the following details: Destination "Munnar", Check in "Tue, 02-05-2023", Check out "Wed, 03-05-2023", and Guests and rooms "3 Guests, 2 Rooms". A blue "Search" button is to the right of the search bar. Below the search bar, a row of partner logos is shown: agoda, Hotels.com, Booking.com, make my trip, All travel and tourism, Trip.com, OYO, and "+100 more". At the bottom, there is a section titled "Recently viewed" with a date "24 April" and a partially visible card.