

CA 2

727721EUIT146
SHANMUGAM S

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/div/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/div/div/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/span/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/span/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")).click();

}
@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();

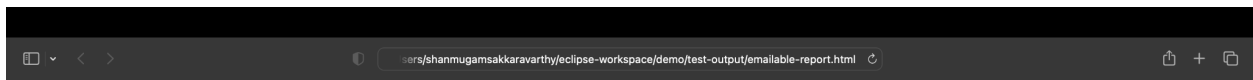
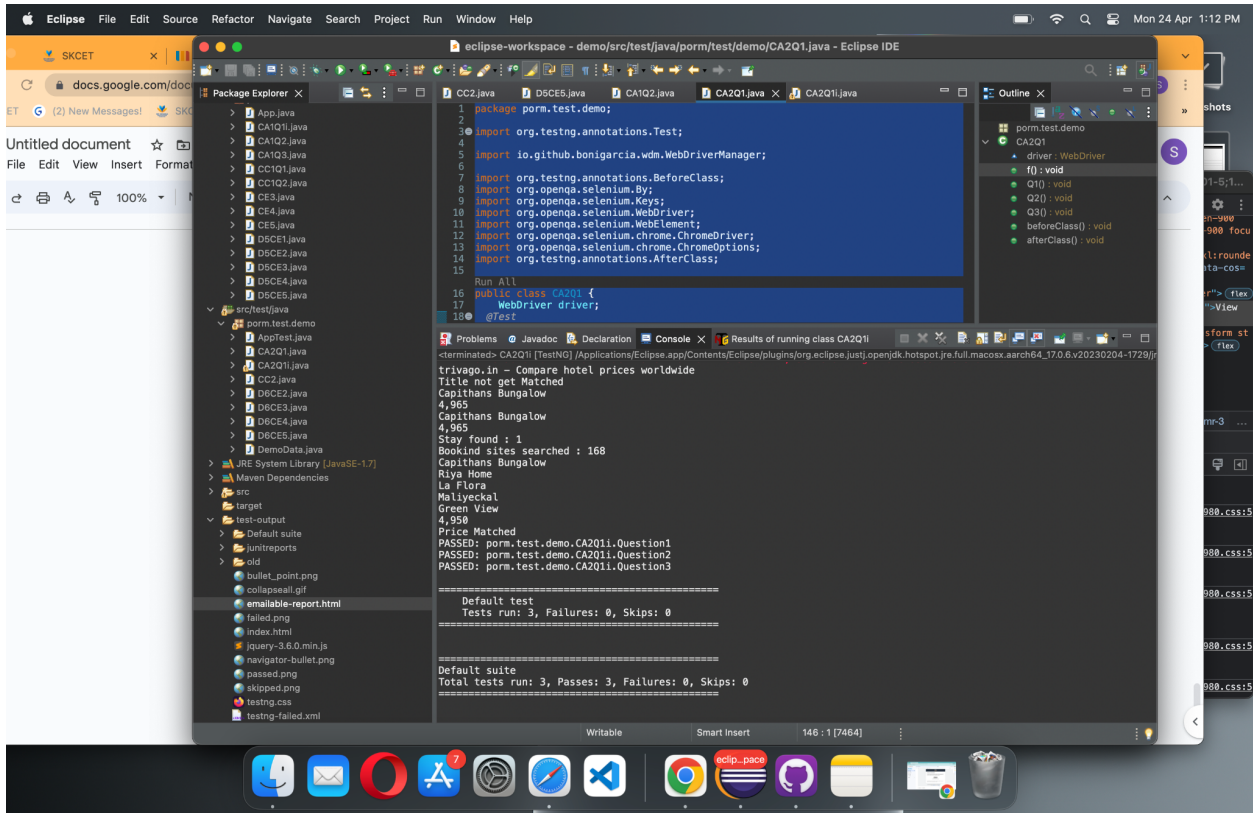
driver.findElement(By.xpath("//*[@id=\"ChildRoom-Ch8I2vnABhACIA4ojuUhMARAAUoJN0QxTI8xMDBQUJgFEglIARoGEAlOBDAB\"]/div/div[4]/div[2]/div/div[1]/button/div")).click();
        WebElement txtBoxl=driver.findElement(By.xpath("//*[@id=\"Fullname\"]"));
        txtBoxl.sendKeys("Shanmugam");

    }
    @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/");
        driver.manage().window().maximize();
    }
    @AfterClass
    public void afterClass() {

```

```
//      driver.close();  
}  
}
```

Screen Shot:



Test	# Passed	# Skipped	# Retried	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite							
Default test	3	0	0	0	4,842		
Default suite							
Default test — passed							
porm.test.demo.CA2Q1i	Question1	1682321248723	4820				
porm.test.demo.CA2Q1i	Question2	1682321253546	1				
porm.test.demo.CA2Q1i	Question3	1682321253548	0				

Default test

porm.test.demo.CA2Q1i#Question1

[back to summary](#)

porm.test.demo.CA2Q1i#Question2

[back to summary](#)

porm.test.demo.CA2Q1i#Question3

[back to summary](#)