

CA-2Question-1

```
package com.ca2.Ca2;

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 Q1 {

    @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);
```

```
String exptitle="trivago.in - Compare hotel prices worldwide";

if(currtitle.equals(exptitle)) {

    System.out.println("Title get Matched");

}

else {

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

}

Thread.sleep(3000);

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:

```

trivago.in - Compare hotel prices worldwide
Title not get Matched
PASSED: com.ca2.Ca2.Q1.f

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

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

```

QUESTON-2

```

@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/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/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/article/div[2]/div[2]/div[1]/div/div[3]/div[1]/div/p")).getText();
System.out.println("Booking site Searched : "+txt6);

}

```

QUESTON-3

```

@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/div/div[2]/div/div/div[1]/h2/a/span")).getText();
System.out.println(txt3);
}

```

```

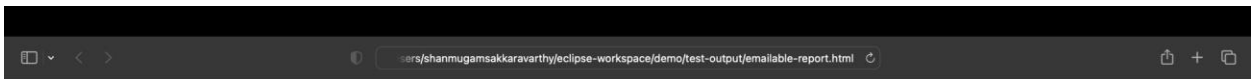
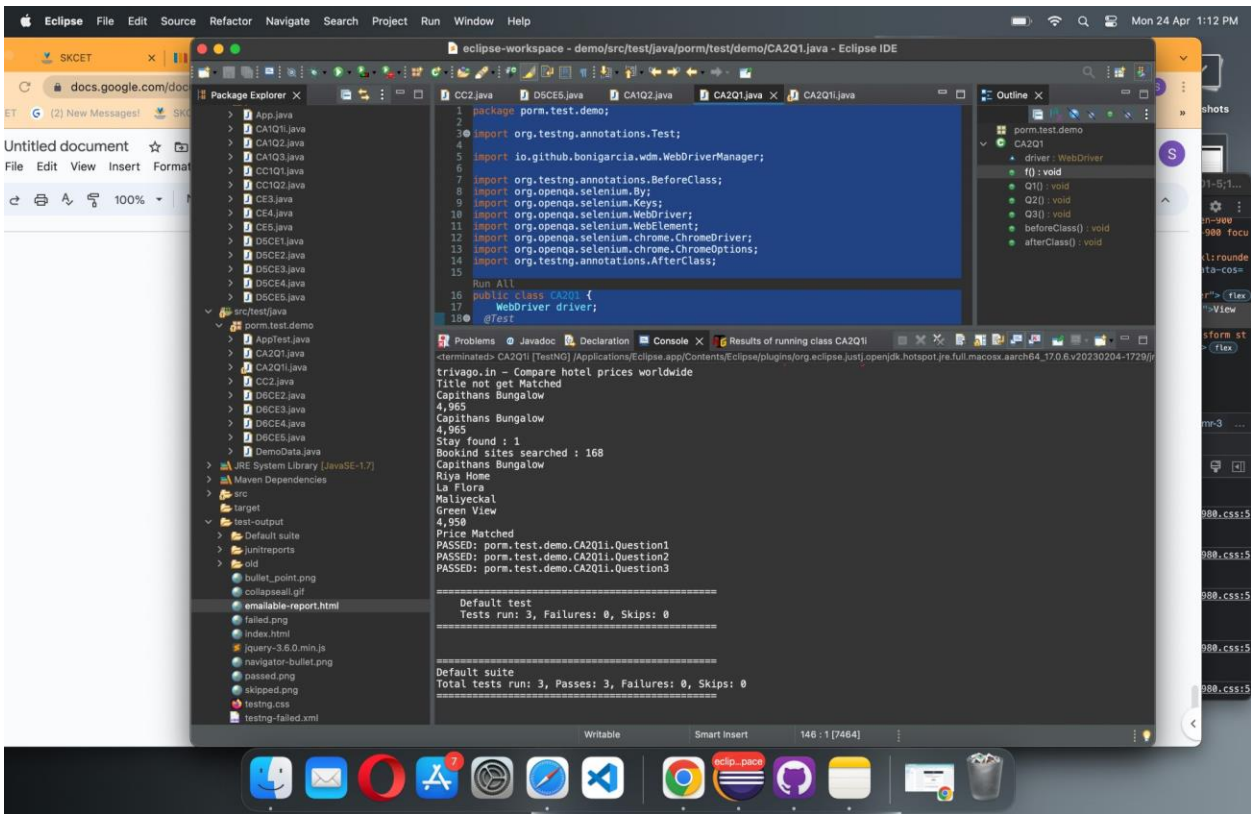
String
txt4=driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[6]/div/div/div/div/
div/div[2]/div/div/div[1]/h2/a/span")).getText();
System.out.println(txt4);
String
txt5=driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[7]/div/div/div/div/
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/di
v/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/ar
ticle/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-
Ch8I2vnABhACIA4ojuUhMARAAUoJN0QxTl8xMDBQUJgFEgIARoGEAIoBDAB\"]/div/div[4]/div[2]/div/
div[1]/button/div")).click();
WebElement txtBox1=driver.findElement(By.xpath("//*[@id=\"Fullname\"]"));
txtBox1.sendKeys("Yogaselvan");

}
@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();
}

}

```



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

Default test

porm.test.demo.CA2Q1#Question1

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porm.test.demo.CA2Q1#Question2

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porm.test.demo.CA2Q1#Question3

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Test	# Passed	# Skipped	# Retried	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite							
Default test	3	0	0	0	4,842		

Class	Method	Start	Time (ms)
Default suite			
(Default test = passed)			
perm.test.demo.CA2Q11	CheckInt1	1682321246723	4828
	CheckInt2	1682321253646	1
	CheckInt3	1682321259648	0

Default: test

param.test.demo.CADQ110Question1

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perm.insider.CA2Q11#Question2

<https://doi.org/10.1016/j.jmb.2019.05.005>

perumjestidoma.CA3Q11#Question3

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