SBA 4: To validate the below website (with atleast 10 different scenarios) depicting the selenium-webdriver and TestNG frameworks.

Register: Mercury Tours (guru99.com)

GROUP - 4

```java
package TestNGpractice;

import org.testng.annotations.Test;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;
import org.testng.Assert;
import org.testng.annotations.BeforeTest;

public class Group {

        WebDriver d;
        @BeforeTest
        public void checkWebsite() {

System.setProperty("webdriver.chrome.driver","C:\\Users\\ustjavasdetb419\\Downloads\\chromedriver_win32\\chromedriver.exe");
                d= new ChromeDriver();
                d.navigate().to("https://demo.guru99.com/test/newtours/register.php");


        }


        @Test(priority=1)
```

```java
    public void verifyPageTitleTest() {

        String title = d.getTitle();

        System.out.println("The page title is: "+ title);

          Assert.assertEquals(title,"Register: Mercury Tours");


     }

    @Test(priority=2)

    public void details() {

        d.findElement(By.name("firstName")).sendKeys("Naveen");

        d.findElement(By.name("lastName")).sendKeys("K");

        d.findElement(By.name("phone")).sendKeys("8079683120");


d.findElement(By.name("userName")).sendKeys("naveenktest@123.com");

        d.findElement(By.name("address1")).sendKeys("abcdefg");

        d.findElement(By.name("city")).sendKeys("Kochi");

        d.findElement(By.name("state")).sendKeys("Kerala");

        d.findElement(By.name("postalCode")).sendKeys("680555");

    }

        @Test(priority=3)

        public void dropdown() {

        Select dropdown = new Select(d.findElement(By.name("country")));

        dropdown.selectByVisibleText("INDIA");

    }

        @Test(priority=4)

        public void image() {
```

```java
                boolean flag=
d.findElement(By.xpath("//img[@src='/logo.png']")).isDisplayed();

                Assert.assertTrue(flag);

        }

        @Test(priority=5)

        public void image1() {

                boolean flag=
d.findElement(By.xpath("//img[@src='images/logo.gif']")).isDisplayed();

                Assert.assertTrue(flag);


        }

        @Test(priority=6)

        public void image2() {

                boolean flag=
d.findElement(By.xpath("//img[@src='images/html.gif']")).isDisplayed();

                Assert.assertTrue(flag);


        }

    @Test(priority=7)

    public void login() {

            d.findElement(By.name("email")).sendKeys("naveenk");

            d.findElement(By.name("password")).sendKeys("test@123");

            d.findElement(By.name("confirmPassword")).sendKeys("test@123");

    }

        @Test(priority=8)

        //submit button:
```

```java
        public void submit() {

            WebElement submitBtn =
d.findElement(By.xpath("//input[@name='submit']"));

            JavascriptExecutor js= (JavascriptExecutor)d;

            js.executeScript("arguments[0].click();", submitBtn);


    }

            @Test(priority=9)

            //submit button:

            public void signon() {

            WebElement signonBtn =
d.findElement(By.xpath("//a[@href='login.php']"));

            JavascriptExecutor js= (JavascriptExecutor)d;

            js.executeScript("arguments[0].click();", signonBtn);


    }

            @Test(priority=10)

            public void teardown() {

                    d.quit();

            }
}
```
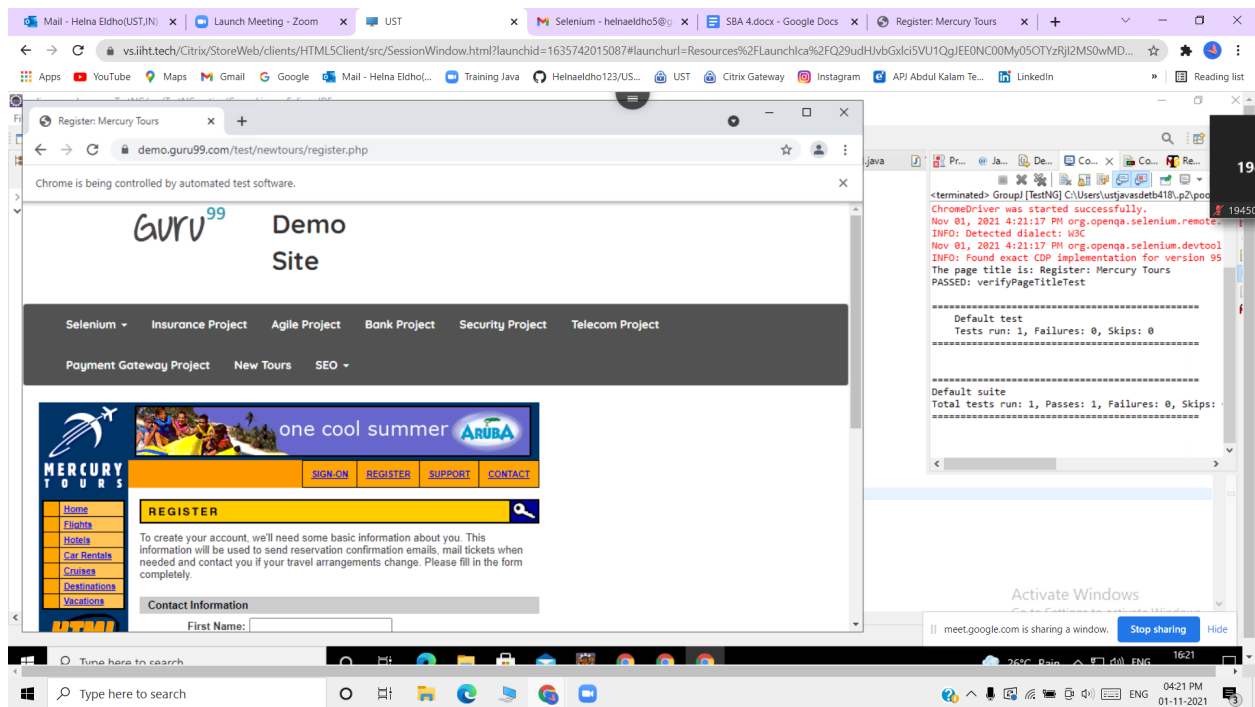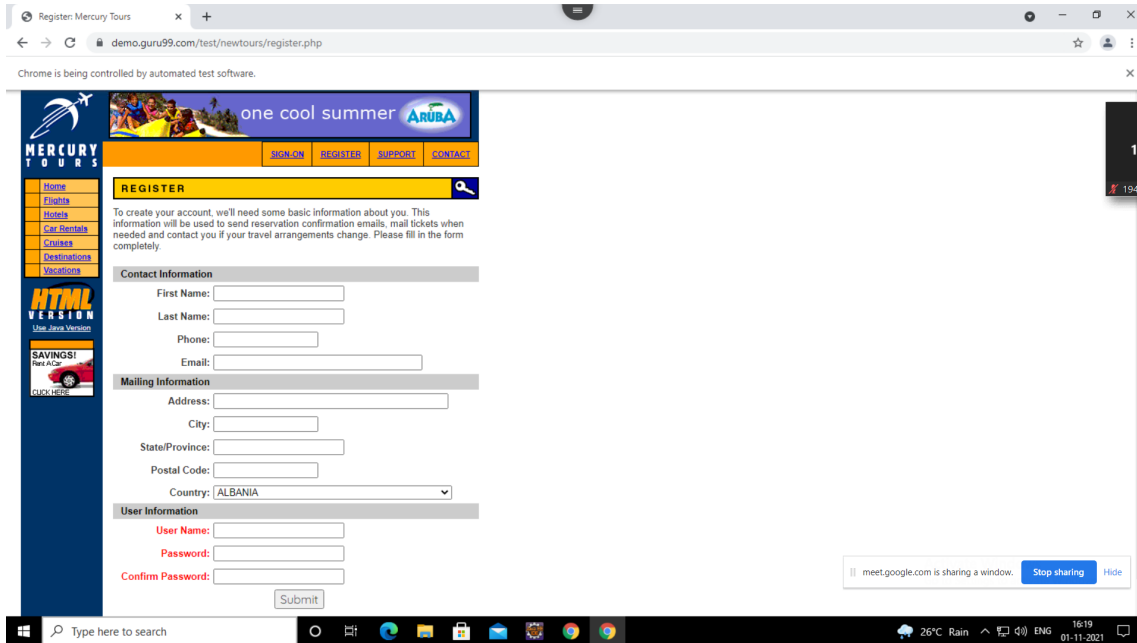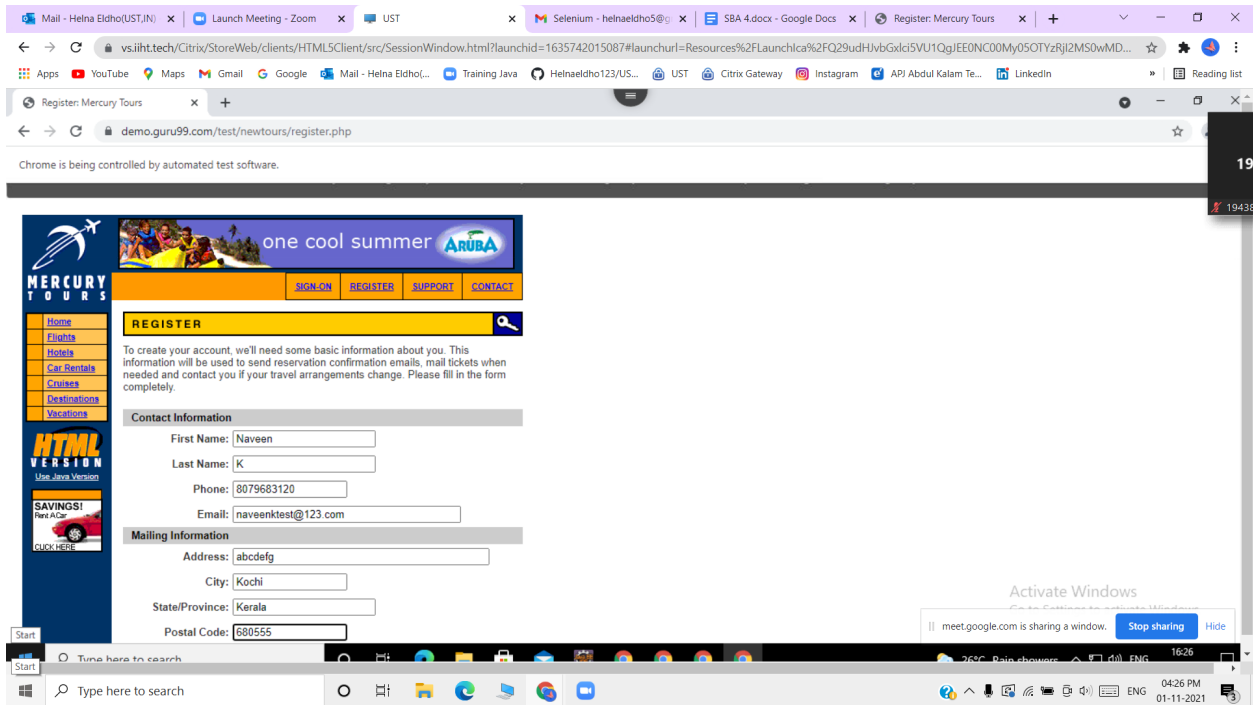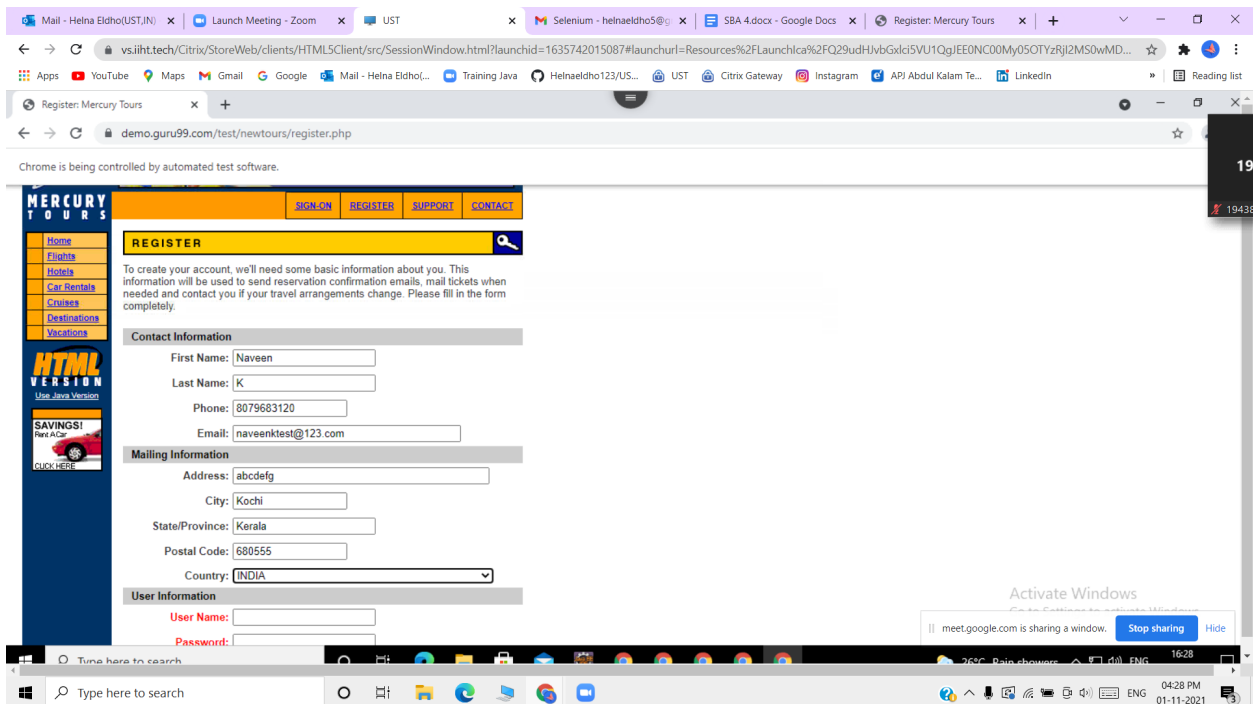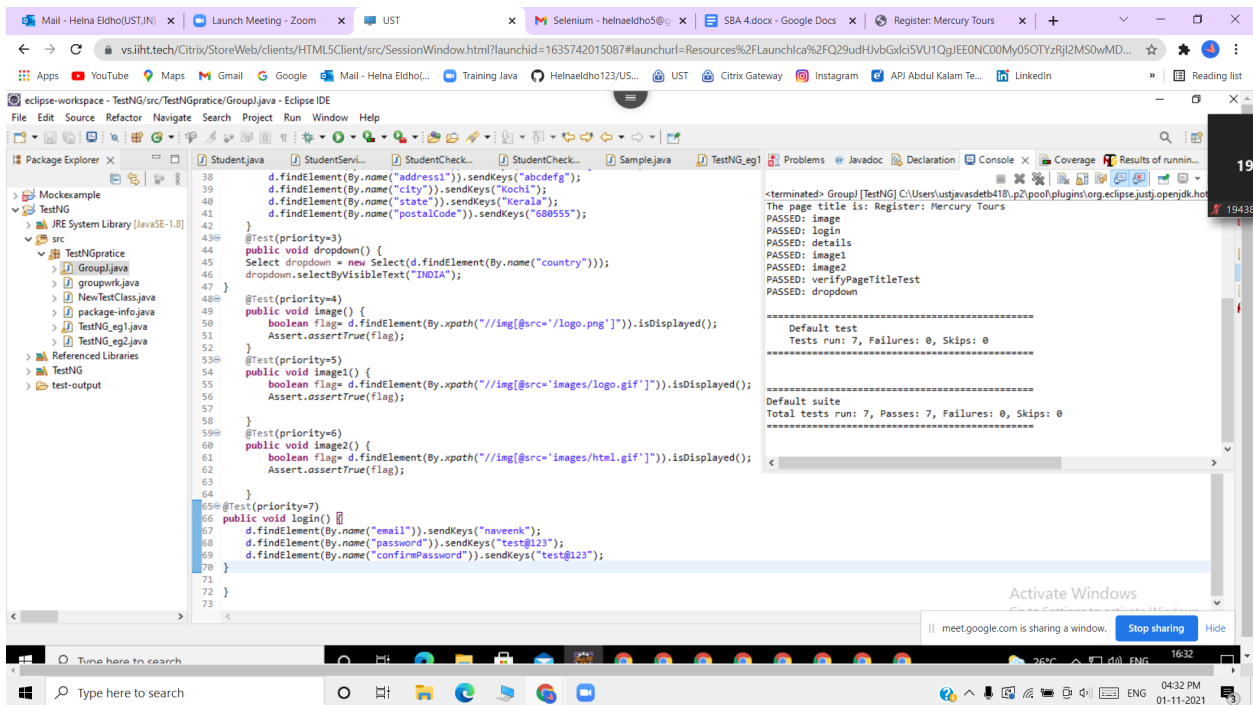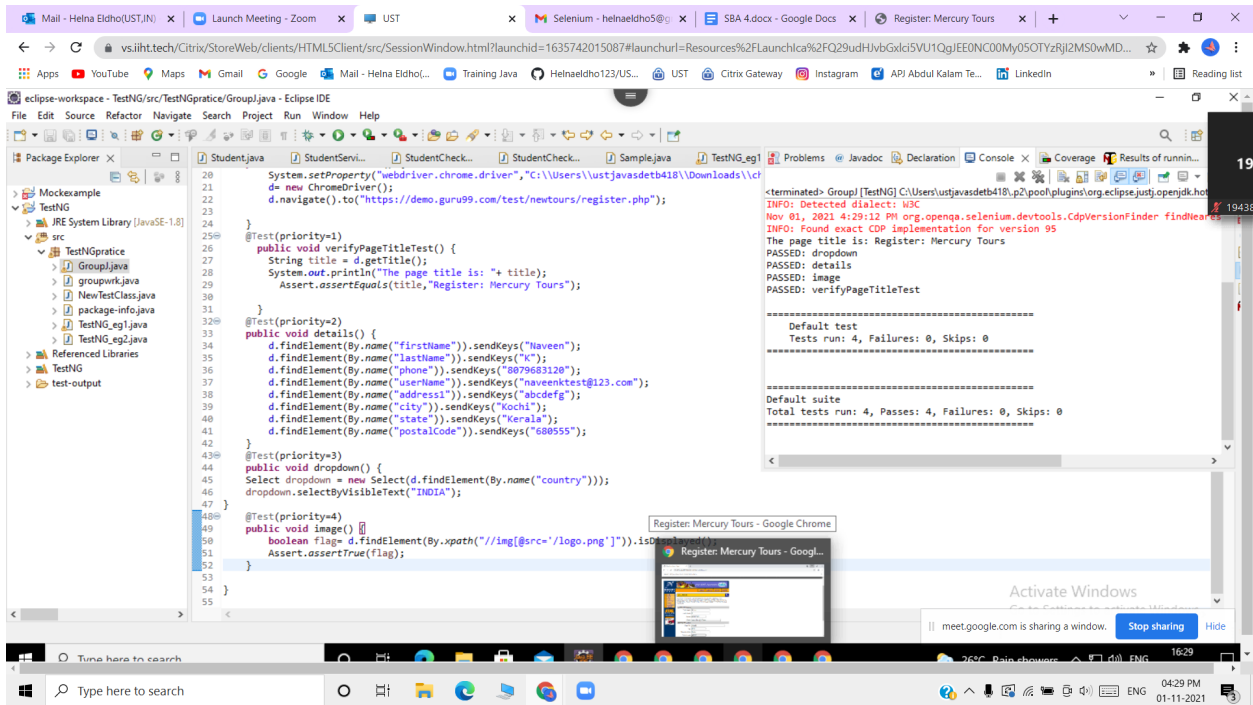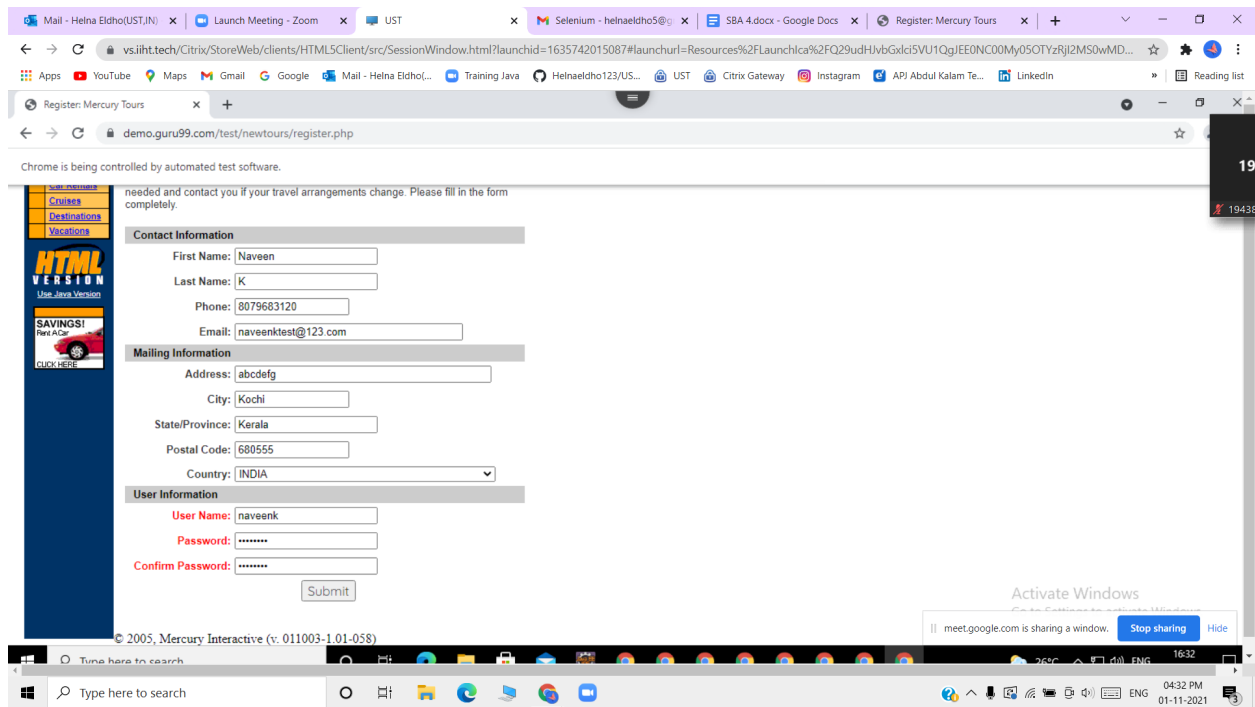
Test Case1

Test Case 2
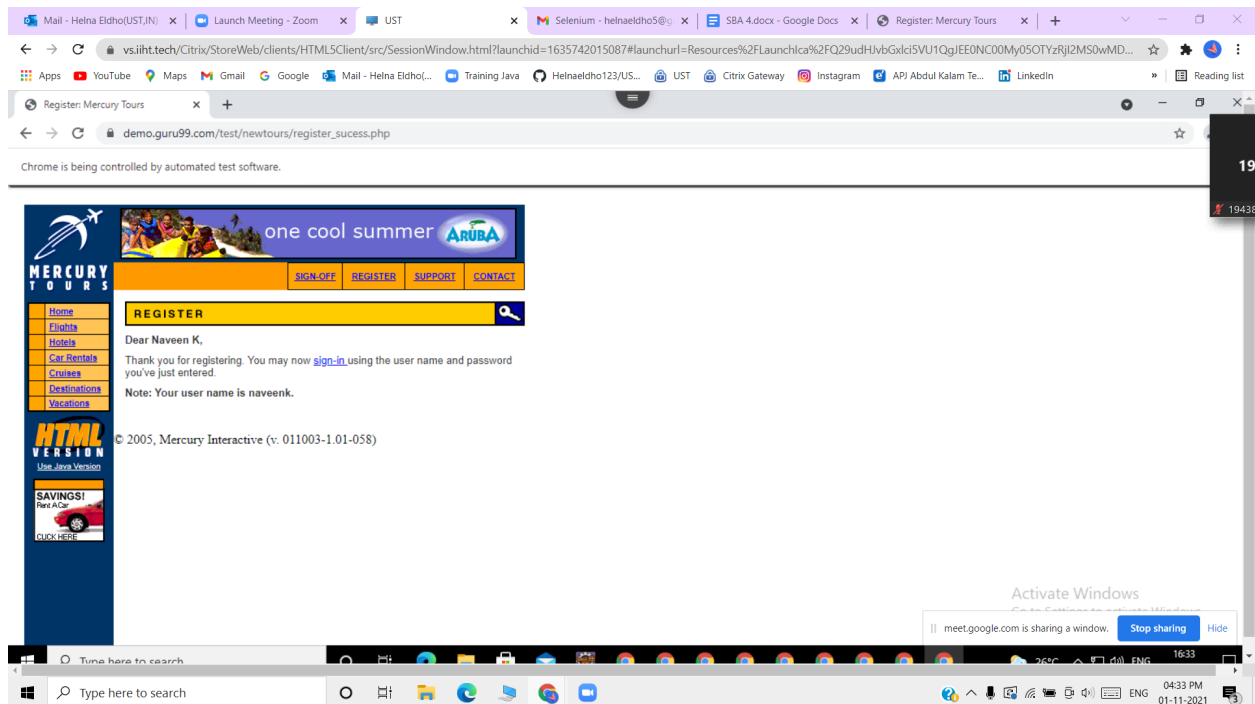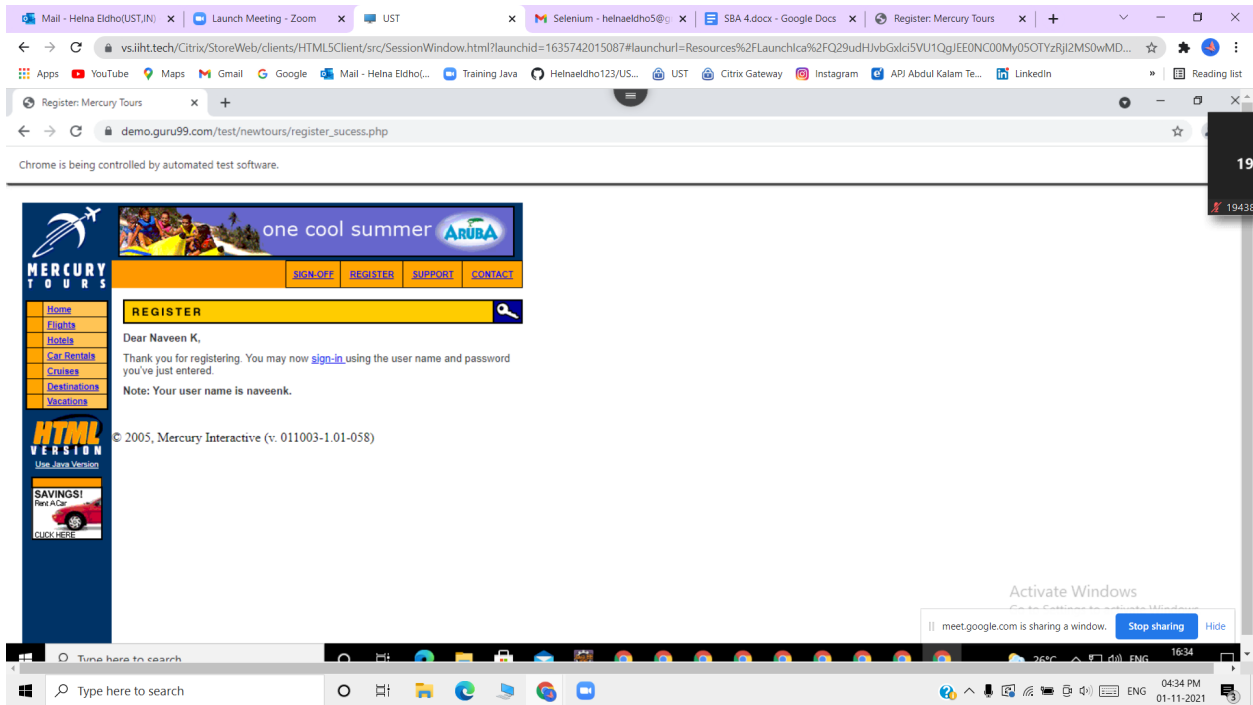

Test Case 3

Test Case 4,5 & 6

Test Case 7

Test Case 8

Test Case 9

Test Case 10

Browser will close

eclipse-workspace - TestNG/src/TestNGpratice/GroupJ.java - Eclipse IDE

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Package Explorer

```
> Mockexample
v TestNG
  > JRE System Library [JavaSE-1.8]
  v src
    v TestNGpratice
      > GroupJ.java
      > groupwrk.java
      > NewTestClass.java
      > package-info.java
      > TestNG_eg1.java
      > TestNG_eg2.java
  > Referenced Libraries
  > TestNG
> test-output
```

Student.java | StudentServi... | StudentCheck... | StudentCheck... | Sample.java | TestNG_eg1

```java
59      @Test(priority=6)
60      public void image2() {
61          boolean flag= d.findElement(By.xpath("//img[@src='images/html.gif']")).isDisplayed();
62          Assert.assertTrue(flag);
63
64      }
65  @Test(priority=7)
66  public void login() {
67      d.findElement(By.name("email")).sendKeys("naveenk");
68      d.findElement(By.name("password")).sendKeys("test@123");
69      d.findElement(By.name("confirmPassword")).sendKeys("test@123");
70  }
71  @Test(priority=8)
72  //submit button:
73  public void submit() {
74  WebElement submitBtn = d.findElement(By.xpath("//input[@name='submit']"));
75  JavascriptExecutor js= (JavascriptExecutor)d;
76  js.executeScript("arguments[0].click();", submitBtn);
77
78  }
79  @Test(priority=9)
80  //submit button:
81  public void signon() {
82  WebElement signonBtn = d.findElement(By.xpath("//a[@href='login.php']"));
83  JavascriptExecutor js= (JavascriptExecutor)d;
84  js.executeScript("arguments[0].click();", signonBtn);
85
86  }
87  @Test(priority=10)
88  public void teardown() {
89      d.quit();
90  }
91  }
92
93
94
```

Problems | Javadoc | Declaration | Console | Coverage | Results of runnin...

```
<terminated> GroupJ [TestNG] C:\Users\ustjavasdetb418\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.j
PASSED: details
PASSED: submit
PASSED: dropdown
PASSED: image2
PASSED: login
PASSED: teardown
PASSED: verifyPageTitleTest
PASSED: image

===============================================
    Default test
    Tests run: 10, Failures: 0, Skips: 0
===============================================


===============================================
Default suite
Total tests run: 10, Passes: 10, Failures: 0, Skips: 0
===============================================
```

Activate Windows

meet.google.com is sharing a window.   Stop sharing   Hide

Type here to search

26°C Rain showers   ENG   16:36