**Assignment#4**

PROG8170

*Prepared by*

Farhana Rahman

Student ID # 8817914

August05, 2022

**ii. Source code for all C# system tests**

// Generated by Selenium IDE

using System;

using System.Collections;

using System.Collections.Generic;

using System.Linq;

using System.Threading;

using OpenQA.Selenium;

using OpenQA.Selenium.Chrome;

using OpenQA.Selenium.Firefox;

using OpenQA.Selenium.Remote;

using OpenQA.Selenium.Support.UI;

using OpenQA.Selenium.Interactions;

using NUnit.Framework;

[TestFixture]

public class InsuranceQuoteTestsTest

{

private IWebDriver driver;

public IDictionary<string, object> vars { get; private set; }

private IJavaScriptExecutor js;

[SetUp]

public void SetUp()

{

driver = new ChromeDriver();

js = (IJavaScriptExecutor)driver;

vars = new Dictionary<string, object>();

}

[TearDown]

protected void TearDown()

{

driver.Quit();

}

string baseURL = "http://localhost/prog8170a04/";

[Test]

public void insuranceRate\_25and3and0\_FirstNameLastName()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1532, 1002);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).SendKeys("N2L6C1");

driver.FindElement(By.Id("postalCode")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("john@gmail.com");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("25");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("3");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("0");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

{

string value = driver.FindElement(By.Id("firstName")).GetAttribute("value");

Assert.That(value, Is.EqualTo("farhana"));

}

}

[Test]

public void insuranceRate\_OmitFirstName\_ValidationError()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).SendKeys("N2L6C1");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1233");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("25");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("3");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("0");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

Assert.That(driver.FindElement(By.Id("firstName-error")).Text, Is.EqualTo("First Name is required"));

}

[Test]

public void insuranceRate\_OmitLastName\_ValidationError()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).SendKeys("N2L6C1");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("26");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("3");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("0");

driver.FindElement(By.Id("btnSubmit")).Click();

{

var element = driver.FindElement(By.Id("btnSubmit"));

Actions builder = new Actions(driver);

builder.MoveToElement(element).Perform();

}

{

var element = driver.FindElement(By.TagName("body"));

Actions builder = new Actions(driver);

builder.MoveToElement(element, 0, 0).Perform();

}

//Assert

Assert.That(driver.FindElement(By.Id("lastName-error")).Text, Is.EqualTo("Last Name is required"));

}

[Test]

public void insuranceRate\_InvalidPhone\_ValidationError()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).SendKeys("N2L6C1");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-125-20");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("27");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("3");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("0");

driver.FindElement(By.Id("btnSubmit")).Click();

{

var element = driver.FindElement(By.Id("btnSubmit"));

Actions builder = new Actions(driver);

builder.MoveToElement(element).Perform();

}

{

var element = driver.FindElement(By.TagName("body"));

Actions builder = new Actions(driver);

builder.MoveToElement(element, 0, 0).Perform();

}

//Assert

Assert.That(driver.FindElement(By.Id("phone-error")).Text, Is.EqualTo("Phone Number must follow the patterns 111-111-1111 or (111)111-1111"));

}

[Test]

public void insuranceRate\_InvalidEmail\_ValidationError()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

driver.FindElement(By.CssSelector(".btn")).Click();

//Act

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).SendKeys("N2L6C1");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("farhana.com");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("28");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("3");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("0");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

Assert.That(driver.FindElement(By.Id("email-error")).Text, Is.EqualTo("Must be a valid email address"));

}

[Test]

public void insuranceRate\_InvalidPostalCode\_ValidationError()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).SendKeys("N2L6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("35");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("17");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("1");

driver.FindElement(By.Id("btnSubmit")).Click();

{

var element = driver.FindElement(By.Id("btnSubmit"));

Actions builder = new Actions(driver);

builder.MoveToElement(element).Perform();

}

{

var element = driver.FindElement(By.TagName("body"));

Actions builder = new Actions(driver);

builder.MoveToElement(element, 0, 0).Perform();

}

//Assert

Assert.That(driver.FindElement(By.Id("postalCode-error")).Text, Is.EqualTo("Postal Code must follow the pattern A1A 1A1"));

}

[Test]

public void insuranceRate\_OmitAge\_ValidationError()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).SendKeys("N2L6C1");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("5");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("0");

driver.FindElement(By.Id("btnSubmit")).Click();

{

var element = driver.FindElement(By.Id("btnSubmit"));

Actions builder = new Actions(driver);

builder.MoveToElement(element).Perform();

}

{

var element = driver.FindElement(By.TagName("body"));

Actions builder = new Actions(driver);

builder.MoveToElement(element, 0, 0).Perform();

}

//Assert

Assert.That(driver.FindElement(By.Id("age-error")).Text, Is.EqualTo("Age (>=16) is required"));

}

[Test]

public void insuranceRate\_OmitNumberOfAccidents\_ValidationError()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).SendKeys("N2L6C1");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("37");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("8");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

Assert.That(driver.FindElement(By.Id("accidents-error")).Text, Is.EqualTo("Number of accidents is required"));

}

[Test]

public void insuranceRate\_OmitYearsOfExperience\_ValidationError()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).SendKeys("N2L6C1");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("45");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("0");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

Assert.That(driver.FindElement(By.Id("experience-error")).Text, Is.EqualTo("Years of experience is required"));

}

[Test]

public void insuranceRate\_25and5and3\_NoInsurance()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("25");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("5");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("3");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

{

string value = driver.FindElement(By.Id("finalQuote")).GetAttribute("value");

Assert.That(value, Is.EqualTo("No Insurance for you!! Too many accidents - go take a course!"));

}

}

[Test]

public void insuranceRate\_18and0and0\_Insurance4000()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("18");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("0");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("0");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

{

string value = driver.FindElement(By.Id("finalQuote")).GetAttribute("value");

Assert.That(value, Is.EqualTo("$4000"));

}

}

[Test]

public void insuranceRate\_18and1and0\_Insurance2500()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("123-123-1234");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("18");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("1");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("0");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

{

string value = driver.FindElement(By.Id("finalQuote")).GetAttribute("value");

Assert.That(value, Is.EqualTo("$2500"));

}

}

[Test]

public void insuranceRate\_26and9and1\_Insurance2500()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("231-231-2341");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("26");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("9");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("1");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

{

string value = driver.FindElement(By.Id("finalQuote")).GetAttribute("value");

Assert.That(value, Is.EqualTo("$2500"));

}

}

[Test]

public void insuranceRate\_27and10and2\_Insurance1800()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.CssSelector(".form-row:nth-child(4)")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("231-231-2314");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("frahman7914@conestogac.on.ca");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("27");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("10");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("2");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

{

string value = driver.FindElement(By.Id("finalQuote")).GetAttribute("value");

Assert.That(value, Is.EqualTo("$1800"));

}

}

[Test]

public void insuranceRate\_30and2and2\_Insurance1875()

{

//Arrange

driver.Navigate().GoToUrl(baseURL);

driver.Manage().Window.Size = new System.Drawing.Size(1696, 1018);

//Act

driver.FindElement(By.CssSelector(".btn")).Click();

driver.FindElement(By.Id("firstName")).Click();

driver.FindElement(By.Id("firstName")).SendKeys("farhana");

driver.FindElement(By.Id("lastName")).Click();

driver.FindElement(By.Id("lastName")).SendKeys("rahman");

driver.FindElement(By.Id("address")).Click();

driver.FindElement(By.Id("address")).SendKeys("200 Shakespeare Dr., 711");

driver.FindElement(By.Id("city")).SendKeys("Waterloo");

driver.FindElement(By.Id("postalCode")).Click();

driver.FindElement(By.Id("postalCode")).SendKeys("N2L 6C1");

driver.FindElement(By.Id("phone")).Click();

driver.FindElement(By.Id("phone")).SendKeys("231-231-2341");

driver.FindElement(By.Id("email")).Click();

driver.FindElement(By.Id("email")).SendKeys("john@gmail.com");

driver.FindElement(By.Id("age")).Click();

driver.FindElement(By.Id("age")).SendKeys("30");

driver.FindElement(By.Id("experience")).Click();

driver.FindElement(By.Id("experience")).SendKeys("2");

driver.FindElement(By.Id("accidents")).Click();

driver.FindElement(By.Id("accidents")).SendKeys("2");

driver.FindElement(By.Id("btnSubmit")).Click();

//Assert

//Assert.That(driver.FindElement(By.Id("finalQuote")).Text, Is.EqualTo("$1875"));

{

string value = driver.FindElement(By.Id("finalQuote")).GetAttribute("value");

Assert.That(value, Is.EqualTo("$1875"));

}

}

}

**iii. Screenshots of Visual Studio Test Explorer Test Cases**

Text

Description automatically generated

**iv. Screenshot of at least three commits made using GitBash**

Text

Description automatically generated