Feature file:

Feature: AvivaSearch

Scenario: Google search for the text aviva and validate the number of auto suggestions

Given User opens home page

And User searches for Aviva keyword in search field

Then Search results should be retured

Browser Invoke Class File

using OpenQA.Selenium;

using OpenQA.Selenium.Chrome;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace AvivaDemo

{

class BrowserInvoke

{

public void BrowserInvokeMethod()

{

IWebDriver driver = new ChromeDriver(@"D:\Users\learning\Desktop\satish\drilib");

driver.Url = "https://google.co.in";

driver.Manage().Window.Maximize();

}

}

}

Search Operation CS file

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using TechTalk.SpecFlow;

using NUnit.Framework;

using OpenQA.Selenium;

using OpenQA.Selenium.Firefox;

using OpenQA.Selenium.Support.UI;

using System.Threading;

namespace AvivaDemo

{

class SearchOperation : BrowserInvoke

{

static IWebDriver driver;

public static void Searchlink(string keyword)

{

driver.FindElement(By.Id("lst-ib")).SendKeys(keyword);

IList<IWebElement> searchElements = driver.FindElements(By.XPath("//li[@role='presentation']"));

int size = searchElements.Count;

for (int i = 0; i < size; i++)

{

String searchElement = searchElements.ElementAt(i).GetAttribute("value");

Console.WriteLine(searchElements.ElementAt(i).GetAttribute("value"));

if (searchElement.ElementAt(i).Equals("aviva"))

{

Console.WriteLine("the suggestion link is:" + searchElement);

size++;

}

}

}

}

}