SeleniumReviewClass02

package com.Syntax.reviewClass02;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class PracticeDemo {

public static void main(String[] args) throws InterruptedException {

// setting up the webDriver

System.setProperty("webdriver.chrome.driver", "Drivers/chromedriver.exe");

// create an instance

WebDriver driver = new ChromeDriver();

// open the Syntax HRMS

driver.get("http://hrm.syntaxtechs.net/humanresources/symfony/web/index.php/auth/login");

// When user sends in the username Admin

WebElement userName = driver.findElement(By.id("txtUsername"));

// send the user name

userName.sendKeys("Admin");

// Then user sends in the wrong password

WebElement pass = driver.findElement(By.xpath("//input[@id='txtPassword']"));

pass.sendKeys("abracadabra");

// Then user clicks on login Button

WebElement btn = driver.findElement(By.xpath("//input[@id='btnLogin']"));

btn.click();

// Then VERIFY THAT THE ERROR "Invalid credentials"

//get the error message from the DOM

WebElement errorMSG = driver.findElement(By.xpath("//span[@id='spanMessage']"));

String error = errorMSG.getText();

// verification

if(error.equalsIgnoreCase("Invalid credentials")){

System.out.println("the correct Error message is there --->verified");

}

else{

System.out.println("the correct Error message is not there ");

}

}

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import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import java.util.List;

import java.util.Locale;

public class RadioButtons {

public static void main(String[] args) {

// setting up the webDriver

System.setProperty("webdriver.chrome.driver","Drivers/chromedriver.exe");

// create an instance

WebDriver driver= new ChromeDriver();

// open the syntax

driver.get("https://syntaxprojects.com/basic-radiobutton-demo.php");

// find the radio Button

List<WebElement> radioBtns = driver.findElements(By.xpath("//input[@name='ageGroup']"));

// traverse through the list of webElements

for(WebElement radioBtn:radioBtns){

// find the desired radio button

String option = radioBtn.getAttribute("value");

if(option.equalsIgnoreCase("0 - 15")){

// click on the radio Btn

radioBtn.click();

}

}

}

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import java.util.List;

public class checkBoxes {

public static void main(String[] args) {

// setting up the webDriver

System.setProperty("webdriver.chrome.driver","Drivers/chromedriver.exe");

// create an instance

WebDriver driver= new ChromeDriver();

// open the syntax

driver.get("https://www.ironspider.ca/forms/checkradio.htm");

// find the checkBoxes

List<WebElement> checkbxes = driver.findElements(By.xpath("//input[@name='color']"));

// what does this list contain?

// it contains all the 6 Webelements

for(WebElement checkBx:checkbxes){

String color = checkBx.getAttribute("value");

if(color.equalsIgnoreCase("blue")){

checkBx.click();

break;

}

}

}

}

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import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.support.ui.Select;

import java.util.List;

public class dropDown {

public static void main(String[] args) throws InterruptedException {

// setting up the webDriver

System.setProperty("webdriver.chrome.driver","Drivers/chromedriver.exe");

// create an instance

WebDriver driver= new ChromeDriver();

// open the fb.com

driver.get("https://www.facebook.com/");

// find the button create account and click on it

WebElement createAccountBtn = driver.findElement(By.xpath("//a[text()='Create New Account']"));

createAccountBtn.click();

// sleep for 3 seconds to wait for the window to open up

Thread.sleep(3000);

// Select the date from the down

// approach to use the select

// 1.Find the webElement that contains the select Tag

// 2.use Select class Select sel =new Select(Webelement)

// 1.Find the webElement that contains the select Tag

WebElement day = driver.findElement(By.xpath("//select[@id='day']"));

// 2.use Select class Select sel =new Select(Webelement)

Select sel=new Select(day);

// We have now three methods

// 1.Select by index

sel.selectByIndex(4);

Thread.sleep(2000);

// 2.Select by visible Text

sel.selectByVisibleText("31");

Thread.sleep(2000);

// 3.Select by Value

sel.selectByValue("16");

// .....................

// 1.find the WebElement

// 2. use the select class to intiate an instance

// 1.find the WebElement

WebElement month = driver.findElement(By.xpath("//select[@id='month']"));

// 2. use the select class to intiate an instance

Select selectMonth= new Select(month);

//

selectMonth.selectByVisibleText("Aug");

// print all the available months in the console

// gets u all the available options in the dropDown

List<WebElement> Options = selectMonth.getOptions();

// traverse through the loop and print each WebElement

for(int i=0;i<Options.size();i++){

String months = Options.get(i).getText();

System.out.println(months);

}

}

}

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import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.support.ui.Select;

public class ebayDemo {

public static void main(String[] args) throws InterruptedException {

// setting up the webDriver

System.setProperty("webdriver.chrome.driver", "Drivers/chromedriver.exe");

// create an instance

WebDriver driver = new ChromeDriver();

// open the ebay

driver.get("https://www.ebay.com/");

// select from the drop down

WebElement dropDwn = driver.findElement(By.xpath("//select[@id='gh-cat']"));

Select sel= new Select(dropDwn);

sel.selectByValue("58058");

driver.findElement(By.xpath("//input[@type='submit']")).click();

// verify the title

Thread.sleep(5000);

System.out.println(driver.findElement(By.xpath("//title")).getText());

// String title = driver.getTitle();

//

// if(title.equalsIgnoreCase("Computers, Laptops, Tablets & Network Hardware for Sale - eBay")){

// System.out.println("the title is verified");

// }

// else{

// System.out.println("the title is incorrect");

// }

}

}