**MINI PROJECT OF SELENIUM**

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**Batch : 240**

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<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">

<suite name="Parallel Test Suite" parallel="tests" thread-count="2">

<test name="Test001">

<classes>

<class name="tests.Test001"/>

</classes>

</test>

<test name="Test002">

<classes>

<class name="tests.Test002"/>

</classes>

</test>

</suite>

package pages;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class HomePage {

WebDriver webDriver;

@FindBy(xpath = "//a[contains(text(),'Top Deals')]")

WebElement topDealsLink;

@FindBy(xpath = "//button[contains(text(),'ADD TO CART')]")

WebElement addToCart;

@FindBy(xpath = "/html/body/div/div/div[1]/div/div/div/div/table/tbody/tr[3]/td[3]")

WebElement discountAmount;

@FindBy(xpath = "/html/body/div/div/div[1]/div/div[1]/div[3]/button")

WebElement prod1;

@FindBy(xpath = "/html/body/div/div/div[1]/div/div[2]/div[3]/button")

WebElement prod2;

@FindBy(xpath = "/html/body/div/div/header/div/div[3]/div[1]/table/tbody/tr[1]/td[3]/strong")

WebElement cartCount;

public HomePage(WebDriver wd) {

this.webDriver = wd;

PageFactory.initElements(webDriver, this);

}

public void clickTopDeals() {

topDealsLink.click();

}

public void addToCart() {

addToCart.click();

}

public String getDiscountAmount() {

return discountAmount.getText();

}

public String cartCount() {

return cartCount.getText();

}

public void clickProd1() {

prod1.click();

}

public void clickProd2() {

prod2.click();

}

}

package tests;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.AfterClass;

import org.testng.annotations.AfterSuite;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.Test;

import junit.framework.~~Assert~~;

import pages.HomePage;

public class Test001 {

WebDriver driver;

HomePage homePage;

@BeforeClass

public void setUp() throws InterruptedException {

driver = new ChromeDriver();

homePage = new HomePage(driver);

driver.get("https://rahulshettyacademy.com/seleniumPractise/#/");

Thread.sleep(2000);

}

@Test

public void testTitleAndUrl() {

~~Assert~~.~~assertEquals~~(driver.getTitle(), "GreenKart - veg and fruits kart");

~~Assert~~.~~assertTrue~~(driver.getCurrentUrl().contains("seleniumPractise"));

}

@Test(priority = 2)

public void validateDiscountOnCheese() throws InterruptedException {

homePage.clickTopDeals();

// String discount = homePage.getDiscountAmount();

// Assert.assertTrue(discount.equals(12));

}

@Test(priority = 1)

public void addTwoItems() throws InterruptedException {

homePage.clickProd1();

homePage.clickProd2();

String count = homePage.cartCount();

~~Assert~~.~~assertTrue~~(count.equals(2));

}

@AfterClass

public void tearDown(){

driver.quit();

}

}

package tests;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.Test;

import pages.HomePage;

public class Test002 {

WebDriver driver;

HomePage homePage;

@BeforeClass

public void setUp() throws InterruptedException {

driver = new ChromeDriver();

homePage = new HomePage(driver);

driver.get("https://rahulshettyacademy.com/seleniumPractise/#/");

Thread.sleep(3000);

}

@Test

public void printAllLinks() {

List<WebElement> links = driver.findElements(By.tagName("a"));

links.size();

for(WebElement link : links) {

String linkText = link.getText();

String linkUrl = link.getAttribute("href");

System.out.println(linkText);

}

}

@AfterClass

public void tearDown() {

driver.quit();

}

}