**Day-21 and Day-22 Assignment**

Amazon website testcases:

package TestNG\_package;

import java.time.Duration;

import java.util.ArrayList;

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.openqa.selenium.support.ui.ExpectedConditions;

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

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class amazonTestNG {

WebDriver driver;

WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));

@BeforeTest

public void beforeTest() {

driver = new ChromeDriver();

driver.get("https://www.amazon.in/");

driver.manage().window().maximize();

System.out.println("Pre-requisite: Opened amozon homepage");

}

@Test(priority=1)

public void login() throws InterruptedException{

driver.findElement(By.id("nav-link-accountList-nav-line-1")).click();

Thread.sleep(1000);

driver.findElement(By.id("ap\_email\_login")).sendKeys("9704714559");

Thread.sleep(1000);

driver.findElement(By.className("a-button-input")).click();

Thread.sleep(1000);

driver.findElement(By.id("ap\_password")).sendKeys("nara1234");

Thread.sleep(1000);

driver.findElement(By.id("signInSubmit")).click();

}

@Test(priority=2)

public void search() throws InterruptedException {

List<String> items = new ArrayList<>();

items.add("toys");

items.add("mobile");

items.add("cars");

for (String item : items) {

driver.findElement(By.id("twotabsearchtextbox")).clear();

driver.findElement(By.id("twotabsearchtextbox")).sendKeys(item);

Thread.sleep(1000);

driver.findElement(By.id("nav-search-submit-button")).click();

Thread.sleep(2000);

}

}

@Test(priority=3)

public void addtocartANDdelete() throws InterruptedException{

driver.findElement(By.id("twotabsearchtextbox")).clear();

driver.findElement(By.id("twotabsearchtextbox")).sendKeys("toys");

Thread.sleep(1000);

driver.findElement(By.id("nav-search-submit-button")).click();

Thread.sleep(2000);

driver.findElement(By.id("a-autoid-1-announce")).click();

Thread.sleep(2000);

driver.findElement(By.id("nav-cart")).click();

Thread.sleep(2000);

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

Thread.sleep(2000);

}

@Test(priority=4)

public void changeloginName() throws InterruptedException {

driver.findElement(By.xpath("//button[@aria-label='Expand Account and Lists']")).click();

Thread.sleep(2000);

driver.findElement(By.className("sc-fqkvVR sc-iEXKAA lajAPo kHDgFV")).click();

Thread.sleep(2000);

driver.findElement(By.className("sc-iGgWBj sc-fHjqPf fErbOa bdPZUm")).click();

Thread.sleep(2000);

driver.findElement(By.className("editNameIcon"));

Thread.sleep(2000);

WebElement nameField= driver.findElement(By.id("editProfileNameInputId"));

nameField.click();

nameField.clear();

nameField.sendKeys("Simha");

Thread.sleep(2000);

driver.findElement(By.id("editProfileContinueButton")).click();

Thread.sleep(2000);

}

@Test(priority=5)

public void shopbycategories() throws InterruptedException {

driver.findElement(By.id("nav-hamburger-menu")).click();

Thread.sleep(3000);

driver.findElement(By.linkText("Echo & Alexa")).click();

Thread.sleep(2000);

driver.findElement(By.xpath("//\*[@id=\"hmenu-content\"]/div[20]/section/ul/li/a")).click();

Thread.sleep(2000);

}

@Test(priority=6)

public void productDiscrimination() throws InterruptedException {

driver.findElement(By.id("twotabsearchtextbox")).clear();

driver.findElement(By.id("twotabsearchtextbox")).sendKeys("cars");

Thread.sleep(2000);

driver.findElement(By.id("nav-search-submit-button")).click();

Thread.sleep(2000);

WebElement prod = driver.findElement(By.cssSelector("div.s-main-slot h2 a span"));

Thread.sleep(2000);

String productTitle = prod.getText();

Thread.sleep(2000);

System.out.println(productTitle);

}

@Test(priority=7)

public void changeLanguage() throws InterruptedException {

driver.findElement(By.cssSelector("div#icp-nav-flyout")).click();

Thread.sleep(2000);

driver.findElement(By.xpath("//\*[@id=\"icp-language-settings\"]/div[5]")).click();

Thread.sleep(2000);

driver.findElement(By.cssSelector("input.a-button-input")).click();

}

@Test(priority=8)

public void changeAddress() throws InterruptedException {

driver.findElement(By.id("glow-ingress-line2")).click();

Thread.sleep(2000);

WebElement pincodeInput = driver.findElement(By.id("GLUXZipUpdateInput"));

pincodeInput.clear();

pincodeInput.sendKeys("500081");

Thread.sleep(1000);

driver.findElement(By.xpath("//input[@aria-labelledby='GLUXZipUpdate-announce']")).click();

Thread.sleep(3000);

driver.findElement(By.xpath("//button[@name='glowDoneButton']")).click();

}

}