

HW7

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import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;

public class TestAmazonSearch {

    // add global definition here (10%)
    WebDriver driver;

    // Launch browser and go to amazon(10%)
    void launchBrowserGoToAmazon() {
        System.setProperty("webdriver.chrome.driver", "chromedriver");
        driver = new ChromeDriver();
        driver.get("http://www.amazon.com/");
    }

    // Maximize window size(10%)
    void maximizeWindowSize() {
        driver.manage().window().maximize();
    }

    // Input a product item and click Search(10%)
    void searchProduct() throws InterruptedException {
        Thread.sleep(3000);
        driver.findElement(By.id("twotabsearchtextbox")).sendKeys("JBL
Speakers");
        driver.findElement(By.id("nav-search-submit-button")).click();
        Thread.sleep(3000);
    }

    // Click the link Best Sellers(10%)
    void openLinkBestSellers() throws InterruptedException {
        Thread.sleep(3000);
        driver.findElement(By.linkText("Best Sellers")).click();
        Thread.sleep(3000);
    }

    // Navigate to ebay.com then go back(10%)
    void navigateToEbayGoBack() throws InterruptedException {
        driver.navigate().to("http://www.ebay.com/");
        Thread.sleep(3000);
        System.out.println("Now navigate to the title of page is " +
            driver.getTitle());
        driver.navigate().back();
        Thread.sleep(3000);
        System.out.println("Now navigate back to the title of page is
" +
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        driver.getTitle());
    }

    // Select a search category(10%)
    void selectCategory() {
        Select category = new
Select(driver.findElement(By.id("searchDropDownBox")));
        category.selectByVisibleText("Electronics");
        category.selectByIndex(28);
    }

    // Close browser and exit(10%)
    void closeExit() {
        driver.quit();
    }

    //(10%)

    public static void main(String[] args) throws InterruptedException
    {
        TestAmazonSearch obj = new TestAmazonSearch();
        obj.launchBrowserGoToAmazon();
        obj.maximizeWindowSize();
        obj.selectCategory();
        obj.searchProduct();
        obj.openLinkBestSellers();
        obj.navigateToEbayGoBack();
        obj.closeExit();
    }
}

Attach Log (10%)

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Run: TestAmazonSearch
/Library/Java/JavaVirtualMachines/jdk-11.0.10.jdk/Contents/Home/bin/java ...
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 106.0.5249.61 (511755355844955cd3e264779baf8dd38212a4d0-refs/branch-heads/5249@{#569}) on port 41425
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
[1667548912.891][WARNING]: This version of ChromeDriver has not been tested with Chrome version 107.
Nov 04, 2022 1:01:53 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 107, so returning the closest version found: 106
Now navigate to the title of page is Electronics, Cars, Fashion, Collectibles & More | eBay
Now navigate back to the title of page is Amazon.com Best Sellers: The most popular items on Amazon

Process finished with exit code 0

```