

HW8

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.Assert;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

public class TestAmazonMultipleSearch {

    WebDriver driver;

    @BeforeTest
    void setup() {
        System.setProperty("webdriver.chrome.driver", "chromedriver");
        driver = new ChromeDriver();
        driver.get("http://www.amazon.com/");
        driver.manage().window().maximize();
    }

    @AfterTest
    void tearDown() {
        driver.quit();
    }

    @Test(priority = 3, enabled = true)
    void searchJBLSpeakersComparePrices() throws InterruptedException {
        searchItem("JBL Speakers", "$37.45", "$119.99", "149.95");
    }

    @Test(priority = 4, enabled = true)
    void searchWomensShoesComparePrices() throws InterruptedException {
        searchItem("Womens shoes", "$71.97", "$29.99", "$89.96");
    }

    @Test(priority = 2, enabled = false)
    void searchCellPhoneComparePrices() throws InterruptedException {
        searchItem("cell phones", "$325.90", "$244.00", "$69.78");
    }

    @Test(priority = 1, enabled = true)
    void searchPrinterPrices() throws InterruptedException {
        searchItem("printer", "$99.00", "$219.00", "$84.78");
    }

    void searchItem(String item, String priceA, String priceB, String priceC)
    throws InterruptedException {
        driver.findElement(By.id("twotabsearchtextbox")).clear();
        driver.findElement(By.id("twotabsearchtextbox")).sendKeys(item);
        driver.findElement(By.id("nav-search-submit-button")).click();
        Thread.sleep(5000);
    }
}
```

```

        boolean b = driver.getPageSource().contains(priceA) ||
            driver.getPageSource().contains(priceB) ||
            driver.getPageSource().contains(priceC);
        Assert.assertTrue(b, "not found the price meets my expectation " + priceA
+ " or " + priceB + " or " + priceC);
    }
}

```

Attached Log

```

/Users/shoumya/IdeaProjects/CS522_Homework/homework...
Tests passed: 3 of 3 tests - 54 sec 342 ms

TestAmazonMultipleSearch 54 sec 342 ms /Library/Java/JavaVirtualMachines/jdk-11.0.10.jdk/Contents/Home/bin/java ...
  CS522 Home Work 8 Tests 54 sec 342 ms
    TestAmazonMultipleSearch 54 sec 342 ms
      searchPrinterPrices 9 sec 645 ms
      searchJBLSpeakersComparePrices 9 sec 889 ms
      searchWomensShoesComparePrices 21 sec 810 ms

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.
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the
Starting ChromeDriver 107.0.5304.62 (1eec40d3a5764881c92085aeee66d25075c159aa-refs/branch-heads/
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping
ChromeDriver was started successfully.
Nov 13, 2022 9:42:22 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 107, so returning the closest version fou

=====
TestAmazonMultipleSearch
Total tests run: 3, Passes: 3, Failures: 0, Skips: 0
=====

Process finished with exit code 0

```

homework8.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">
<suite name="TestAmazonMultipleSearch">
  <test name="CS522 Home Work 8 Tests">
    <classes>
      <class name="TestAmazonMultipleSearch"></class>
    </classes>
  </test>
</suite>

```

test-output.html report

Test	Methods Passed	Scenarios Passed	# skipped	# failed	Total Time	Included Groups	Excluded Groups
CS522 Home Work 8 Tests	3	3	0	0	54.5 seconds		

Class	Method	# of Scenarios	Start	Time (ms)
CS522 Home Work 8 Tests — passed				
TestAmazonMultipleSearch	searchWomensShoesComparePrices	1	1668404568937	21810
	searchPrinterPrices	1	1668404549392	9645
	searchJBLSpeakersComparePrices	1	1668404559044	9889

CS522 Home Work 8 Tests

TestAmazonMultipleSearch:searchWomensShoesComparePrices

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TestAmazonMultipleSearch:searchPrinterPrices

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TestAmazonMultipleSearch:searchJBLSpeakersComparePrices

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