

```

package ushaproject;

import java.util.Iterator;
import java.util.Set;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class AmazonProject {

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

        System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\\\Sachin\\\\Downloads\\\\chromedriver_win32\\\\chromedriver.exe");

        // Instantiate a ChromeDriver class.
        WebDriver driver = new ChromeDriver();

        // Maximize the browser
        driver.manage().window().maximize();

        driver.get("https://www.amazon.in/ap/signin?openid.pape.max_auth_age=0&openid.return_t
o=https%3A%2F%2Fwww.amazon.in%2Fgp%2Fcss%2Fhomepage.html%3Fref_%3Dnav_y
a_signin&openid.identity=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_
select&openid.assoc_handle=inflex&openid.mode=checkid_setup&openid.claimed_id=http
%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.ns=http%3A%
2F%2Fspecs.openid.net%2Fauth%2F2.0&");

        driver.findElement(By.id("ap_email")).sendKeys("9309792716");
        driver.findElement(By.id("continue")).click();
        driver.findElement(By.id("ap_password")).sendKeys("Usha@123");
        driver.findElement(By.id("signInSubmit")).click();
        driver.findElement(By.linkText("Electronics")).click();
        driver.findElement(By.id("twotabsearchtextbox")).sendKeys("Hair Dryer");
    }
}

```

```

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

        Thread.sleep(1000);

        /* driver.findElement(By.className("a-link-normal _bGlmZ_link_36_Co
        _bGlmZ_hidden_6g_6K")).click();

        driver.findElement(By.id("add-to-cart-button")).click();

        driver.findElement(By.className("a-button-text")).click();*/

        driver.findElement(By.partialLinkText("PHILIPS 1000 watts Hair Dryer
        (HP8100/46, Purple)")).click();

        String parent=driver.getWindowHandle();

        Set<String>s=driver.getWindowHandles();

        // Now iterate using Iterator
        Iterator<String> I1= s.iterator();

        while(I1.hasNext())
        {

        String child_window=I1.next();

        if(!parent.equals(child_window))
        {
        driver.switchTo().window(child_window);

        System.out.println(driver.switchTo().window(child_window).getTitle());

        driver.close();
        }

```

```

    }

    //switch to the parent window
    driver.switchTo().window(parent);

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

    driver.findElement(By.linkText("Today's Deals")).click();

    driver.findElement(By.xpath("/html/body/div[1]/div[21]/div/div/div/div[1]/div/div/div/div[2]
    /div/ol/li[2]/a/span[1]/img")).click();

    //driver.findElement(By.partialLinkText("Recommended For You")).click();
    driver.findElement(By.linkText("Watched Deals")).click();

    String mainWindowHandle = driver.getWindowHandle();
    Set<String> allWindowHandles = driver.getWindowHandles();
    Iterator<String> iterator = allWindowHandles.iterator();

    // Here we will check if child window has other child windows and will fetch the
    heading of the child window
    while (iterator.hasNext()) {
        String ChildWindow = iterator.next();

        if (!mainWindowHandle.equalsIgnoreCase(ChildWindow)) {
            driver.switchTo().window(ChildWindow);

            WebElement text1 = driver.findElement(By.className("nav-a"));
            System.out.println("Heading of child window is " + text1.getText());
            driver.quit();
        }
    }
}

```

