package HOMEWORK\_Week3;  
  
import io.github.bonigarcia.wdm.WebDriverManager;  
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.chrome.ChromeOptions;  
  
import java.util.ArrayList;  
  
public class inClassAI {  
 public static void main(String[] args) throws InterruptedException {  
 //set up your driver through web driver manager  
 WebDriverManager.*chromedriver*().setup();  
  
//set your chrome options arguments for your web driver  
 ChromeOptions options = new ChromeOptions();  
//add maximize for windows  
//options.addArguments("start-maximized");  
//add --kiosk for mac  
 options.addArguments("--kiosk");  
//add incognito mode to option  
 options.addArguments("incognito");  
//define the chrome driver that you will use for automation test  
//option variable must be passed inside chromeDriver in order for your driver to recognize those conditions  
 WebDriver driver = new ChromeDriver(options);  
  
 ArrayList<String> state = new ArrayList<>();  
 state.add("New York");  
 state.add("California");  
 state.add("Chicago");  
  
 for (int i =0; i < state.size(); i++){  
  
 }  
  
//navigate to yahoo home page  
 driver.navigate().to("https://www.hotels.com");  
  
 Thread.*sleep*(2000);  
try {  
 WebElement location = driver.findElement(By.*xpath*("//\*[@aria-label='Going to']"));  
 location.click();  
  
}catch (Exception e ){  
 System.*out*.println("Unable to interact with element" + e);  
 try {  
 WebElement searchField = driver.findElement(By.*xpath*("//\*@id='destination\_form\_field']"));  
 searchField.sendKeys(state.get(i));  
  
 }catch (Exception exception){  
 System.*out*.println("Unable to click on search field" + e);  
try {  
 WebElement people = driver.findElement(By.*xpath*("//\*[@data-stid='open-room-picker']"));  
people.click();  
  
}catch (Exception exception1){  
 System.*out*.println("Unable to click on number of travelers" + e);  
}  
  
Thread.*sleep*(1000);  
  
ArrayList<Integer> adults = new ArrayList<>();  
adults.add(1);  
adults.add(2);  
adults.add(3);  
  
WebElement button= driver.findElement(By.*xpath*("//\*[@class='utik-step-input-button']"));  
button.click();  
Thread.*sleep*(1000);  
for (int j=0; j<adults.get(i);j++){  
driver.findElements(By.*xpath*("//\*[@class='utik-step-input-button']")).get(1).click();  
  
  
}  
  
  
  
  
 }  
  
  
  
 }  
  
  
}

public class AI05 {  
 public static void main(String[] args) throws InterruptedException {  
  
 WebDriver driver = ReusableMethods.*defineChromeDriver*();  
// navigate to best buy.com  
 driver.navigate().to("http://bestbuy.com");  
//type "iphone" in search field  
 ReusableMethods.*sendKeysMethod*(driver, "//\*[@class='search-input']", "iphone", "Search Field");  
 //click on search icon  
 ReusableMethods.*clickMethod*(driver, "//\*[@class='header-search-icon']", "Search icon");  
  
 //ReusableMethods.clickMethod(driver, "//\*[@class='tb-select']","Drop down");  
//capture dropdown element  
 WebElement sortBy = driver.findElement(By.*xpath*("//\*[@class='tb-select']"));  
//select dropdown  
 Select sortByDropdown = new Select(sortBy);  
//select "best selling" from drop down  
 sortByDropdown.selectByVisibleText("Best Selling");  
 // wait for 2 seconds  
 Thread.*sleep*(2000);  
// click on the first iphone  
 driver.findElements(By.*xpath*("//\*[@class='sku-title']")).get(0).click();  
  
//using scroll element, scroll to "learn about totaltech"  
 WebElement totalTech = driver.findElement(By.*xpath*("//\*[@class='c-button c-button-outline c-button-md c-button-block v-m-top-xs']"));  
 JavascriptExecutor jse = (JavascriptExecutor) driver;  
 jse.executeScript("arguments[0].scrollIntoView(true)", totalTech);  
//click add to cart  
 ReusableMethods.*clickMethod*(driver, "//\*[@class='c-button c-button-primary c-button-lg c-button-block c-button-icon c-button-icon-leading add-to-cart-button']", "Add To Cart");  
  
//wait 3 seconds  
 Thread.*sleep*(3000);  
 //capture subtotal  
 String subtotal = driver.findElement(By.*xpath*("//\*[@class='d-flex']")).getText();  
 String[] subTotalOnly = subtotal.split(":");  
 //print out only amount  
 System.*out*.println("Cart Subtotal: " + subTotalOnly[1]);  
//hover on continue shopping  
 Actions mouseAction = new Actions(driver);  
 try {  
 WebElement sendTab = driver.findElement(By.*xpath*("//\*[@class='c-button-link continue-shopping']"));  
 mouseAction.moveToElement(sendTab).perform();  
 } catch (Exception e) {  
 System.*out*.println("Unable to hover to Continue Shopping " + e);  
//wait 2 seconds  
Thread.*sleep*(2000);  
//click on continue shopping  
 } //end of sendTab exception  
 try {  
 WebElement trackingLink = driver.findElements(By.*xpath*("//\*[@class='c-button-link continue-shopping']")).get(0);  
 mouseAction.moveToElement(trackingLink).click().perform();  
 }catch (Exception e) {  
 System.*out*.println("unable to click on continue shopping: " + e);  
 }// end of trackingLink exception  
 }//end of class  
}//end of main