import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import java.util.list;

public class ProductSearchTest{

public static void main(String[]args){

System.setProperty(“"webdriver.chrome.driver", "E:/loopsautomation/src/main/resources/chromedriver.exe");

WebDriver driver = new ChromeDriver();

Driver.get(<http://automationexercise.com>);

Try{

Thread.sleep(5000);

}

Catch(InterruptedException e){

e.printStackTrace();

}

WebElement productsButton = driver.findElement(By.linkText("Products"));

productsButton.click();

String productNameToSearh = “ Sleeves Printed Tshirts”;

WebElement searchInput = driver.findElement(By.id(“Search\_input”));

searchInput.sendKeys(productNameToSearch);

WebElement searchButton = driver.findElement(By.id(“search\_button”));

searchButton.click();

WebElement searchedProductsTitle = driver.findElement(By.xpath("//h2[contains(text(), 'SEARCHED PRODUCTS')]"));

If(SearchedProductsTitle.isDisplayed(){

System.out.println(“Searched Products’visible section”);

}

Else{

System.out.println(“Searche Products section is not visible”);

}

List<WebElement> searchResults = driver.findElements(By.className("product-item"));

if (searchResults.size() > 0) {

System.out.println("Related products are visible after search:");

for (WebElement result : searchResults) {

System.out.println(result.getText()); //

}

} else {

System.out.println("No related products found after search.");

}

driver.