**package** demo\_seleniumID;

**import** java.util.List;

**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.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.Select;

**import** org.openqa.selenium.support.ui.WebDriverWait;

**public** **class** AmazonTest {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

WebDriver driver = **new** ChromeDriver();

System.*setProperty*("webdriver.chrome.driver",

"C:\\Users\\sachi\\OneDrive\\Desktop\\Selenium\\chromedriver\_win32 (1)\\chromedrivers.exe");

// Navigate to Amazon website

driver.get("https://www.amazon.in/");

WebElement searchBox = driver.findElement(By.*id*("twotabsearchtextbox"));

searchBox.sendKeys("Iphone x");

searchBox.submit();

Select priceFilter = **new** Select(driver.findElement(By.*id*("s-result-sort-select")));

priceFilter.selectByVisibleText("Under $25");

// Wait for the results to be filtered

WebDriverWait wait = **new** WebDriverWait(driver, 10);

wait.until(ExpectedConditions.*presenceOfElementLocated*(By.*xpath*("//span[contains(text(), 'Under $25')]")));

// Find all the filtered search result elements

List<WebElement> filteredResults = driver.findElements(By.*xpath*("//div[@data-asin]"));

// Find and click the "Add to Cart" button

WebElement addToCartButton = driver.findElement(By.*id*("add-to-cart-button"));

addToCartButton.click();

// Click on the cart icon to go to the shopping cart

WebElement cartIcon = driver.findElement(By.*id*("nav-cart-count-container"));

cartIcon.click();

// Verify that the correct product and options are displayed in the shopping

// cart

WebElement cartProduct = driver.findElement(By.*xpath*("//span[contains(text(), '" + "productToSearch" + "')]"));

WebElement cartSize = driver.findElement(By.*xpath*("//span[contains(text(), 'Large')]"));

WebElement cartColor = driver.findElement(By.*xpath*("//span[contains(text(), 'Blue')]"));

// Close the browser

driver.quit();

}

}