Automated Test Cases: Thought Process and Code Explanation

Test Case 1: Demo submission of a website
1. Open a web browser and navigate to https://phptravels.com/demo/.
   - To automate this step, we use the Selenium WebDriver in Java and set the browser driver executable path.

2. Fill in Demo Request Form via UI automation.
   - We locate the form elements using different locators such as name and XPath, and use the `sendKeys()` method to simulate user input.

Test Case 2: Demo submission of a website
1. Open a web browser and navigate to https://www.saucedemo.com/.
   - Similar to Test Case 1, we initialize the WebDriver and open the target URL.

2. Click on Login.
   - We locate the username and password input fields and the login button using their respective IDs and use the `sendKeys()` method to enter the credentials and the `click()` method to simulate button click.

3. Sort z - a and verify sorting.
   - We locate the sort dropdown element using the class name and select the "Z to A" option to sort the products in descending order.

4. Search for the title "Sauce Labs Onesie," add it to the cart, and check the price.
   - We locate the search input field using its ID, enter the desired product name, and click the "Add to cart" button. Further assertions and validations can be added to check the price and other details.

5. Search for the title "Sauce Labs Bolt T-Shirt," add it to the cart, and check the price.
   - Similar to the previous step, we search for another product, add it to the cart, and perform necessary validations.

6. Go to the cart.
   - We locate the shopping cart icon element using appropriate locators and simulate a click to navigate to the cart page.

7. Continue with the remaining tasks based on the test case steps.
   - We can locate the required elements, perform actions such as filling in personal details, validating inputs, comparing prices, clicking buttons, etc., to complete the checkout process.